ANNUAL REPORT
OF THE
DEPARTMENT OF HIGHER EDUCATION
2003 - 2004

EFFICIENCY=

DEDICATION=

UNITY=

COMMITMENT=

AIM=

INNOVATION=

OBSERVATION=

सत्यमेव जयते

DEPARTMENT OF HIGHER EDUCATION
GOVERNMENT OF WEST BENGAL
2004

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ANNUAL REPORT
OF THE
DEPARTMENT OF HIGHER EDUCATION

2003 - 2004

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सत्यमेव जयते

DEPARTMENT OF HIGHER EDUCATION
GOVERNMENT OF WEST BENGAL
2004

ANNUAL REPORT OF THE DEPARTMENT OF HIGHER EDUCATION, 2003-2004

June, 2004

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Edited
&
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FOREWORD

The Annual Report of the Department of Higher Education for the year 2003-2004 highlights the activities of the Department and the various institutions and organizations attached to it.

Over the period of last few years, there has been an increasing demand for access to higher education. The State Govt. in the Department of Higher Education, has been taking all possible measures to meet this demand through expansion of existing facilities and creating new facilities, specially in the field of Engineering and Technology. Effective measures have also been taken for decentralisation of the authorities, modernisation of the course curriculum and diversification of subjects in different fields of higher learning. To keep pace with the emerging trend in higher education, all the State universities have introduced a host of new academic programmes, specially in the field of Science and Engineering & Technology, like Material Science, Biotechnology, Bioinformatics, Molecular Biology, Genetic Engineering, Nanotechnology etc.

Facilities for Postgraduate education in different courses of studies have also been expanded. Apart from the universities, a number of Govt. and non-Govt. colleges now offer P.G. courses in different subjects.

In order to supplement the efforts of the State Govt. in the process of expansion of the facilities of higher education, a number of autonomous societies and trusts have come forward to set up institutions for imparting regular undergraduate academic programmes in Engineering & Technology, Law, Teacher Education, Science, etc.

Netaji Subhas Open University continued its efforts to reach the larger cross section of the society and to allow the benefit of higher education to those who can not afford to come under the conventional system of education. During last year, the university has introduced a number of P.G. programmes and professional courses in distance mode.

The State Govt. is committed to bring about a qualitative improvement in the higher education system of the State. National Assessment and Accreditation Council has accredited so far seven State aided universities attached to the Deptt. and twentynine General Degree Colleges. National Board of Accreditation (NBA), a body set up by All India Council for Technical Education has also started the process of accreditation of the Engineering & Technology courses conducted in Engineering & Technology Institutions set up till 1997.

A new code of conduct has been introduced in Higher Education Institutions of the State, including colleges and universities. A sense of accountability at all levels and emergence of social audit are the two major components of work culture inculcated in educational institutions of higher learning in the State of West Bengal.

S. Chakraborty.

(Satyasadhan Chakraborty)
Minister-in-charge
Higher Education Department

Date : 22nd June,2004
Bikash Bhawan, Salt Lake,
Kolkata – 700 091

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PREFACE

The present volume of Annual Report 2003-2004 gives an account of the structure and activities of the Department of Higher Education and the two major Directorates attached to it, namely the Directorate of Public Instruction and the Directorate of Technical Education. The report also highlights the activities of various wings of the Department and other institutions and autonomous voluntary organizations, including the State-aided universities, except the universities dealing with specialized education on Law, Agriculture, Animal Science and Health Sciences.

During the last one year, a number of innovative courses have been introduced in different colleges and universities, like Postgraduate Diploma Programme in Bioinformatics introduced in Jadavpur University, Diploma course in Microwave and Milimeter Wave Technology, self-financing courses in Forensic Anthropology, Environmental Biotechnology, Geographical Information System (GIS) and Remote Sensing with Application in Environment Sciences in Calcutta University. Activities of the Netaji Subhas Open University need special mention. The university has introduced seven Postgraduate courses, two Postgraduate Diploma courses and six Diploma courses during the period.

Efforts have been made to consolidate the gains of expansion of higher education in different fields. The National Assessment and Accreditation Council (NAAC) has accredited seven universities and twenty-nine colleges so far. National Board of Accreditation (NBA) has also started the process of accrediting engineering and technology institutions.

Technical Education Quality Improvement Programme (TEQIP) a Govt. of India-sponsored World Bank-assisted Programme has been sanctioned, for upgradation of technical education in eleven selected institutions of the state.

The assistance involves an amount of around Rs. 200 crore in the form of loan and grant.

A few autonomous societies and non-profit making social trusts have come forward to supplement the efforts of the State Govt. in setting up institutions of higher learning. Such efforts are not restricted to Engineering, Technology and Management education alone; the list now includes General Degree Colleges, Law Colleges and Teachers' Education Colleges.

I shall be failing in my duty if I do not mention here the assistance extended by the District Magistrates who took an active interest in collection of the data on colleges situated in the far flung areas of the State. I am also grateful to the officers and the staff members belonging to our two Directorates, Directorate of Public Instruction and Directorate of Technical Education and those of the West Bengal State Council of Higher Education. Special thanks are due to Shri Manotosh Biswas, Deputy Secretary of this Department for preparing this report.

It would be of immense help towards the improvement of this publication if suggestions are received from you.

(Jawhar Sircar)
Principal Secretary
Department of Higher Education
Govt. of West Bengal

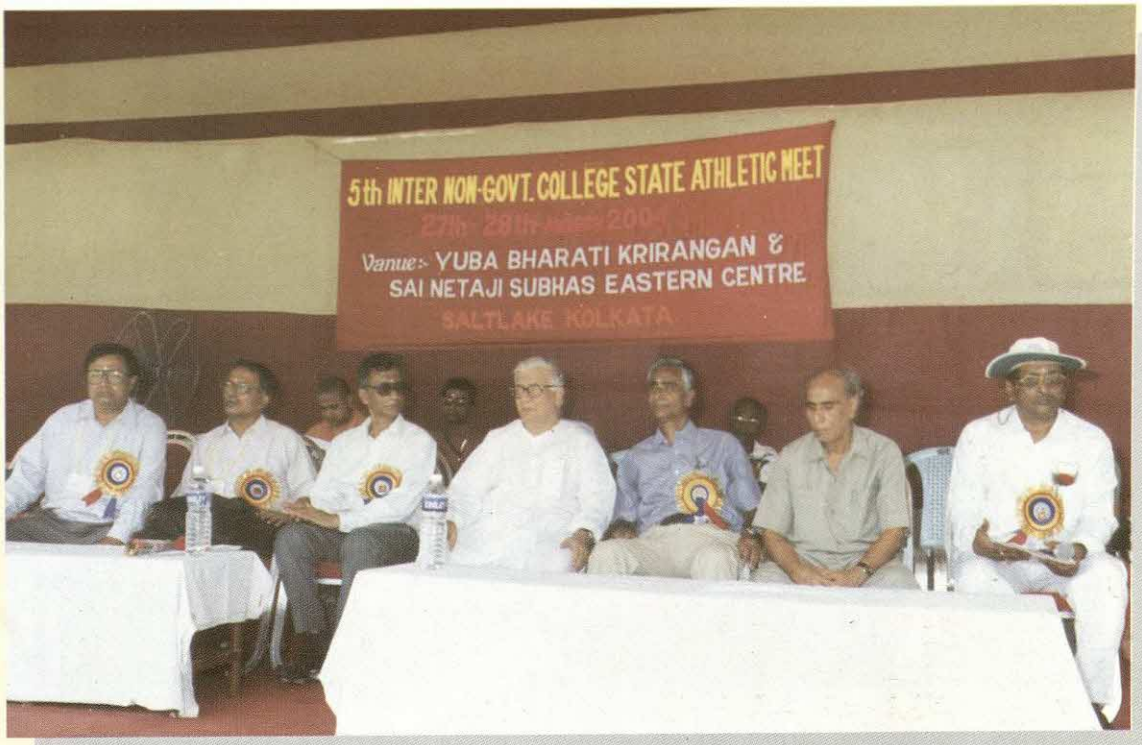
Dated Bikash Bhawan, Salt Lake
Kolkata-700 091.
the 22nd June, 2004

Shri Buddhadeb Bhattacharjee, Hon'ble Chief Minister, West Bengal in the inaugural function of the Pailan School of International Studies on 23rd November, 2003. Prof Satya Sadhan Chakraborty, Hon'ble MIC, Higher Education Department is present in the dias.

Inauguration of IBM Centre of Excellence at W.B. University of Technology on 13th October, 2003.Shri Buddhadeb Bhattacharjee, Hon'ble Chief Minister, West Bengal, Prof Satya Sadhan Chakraborty, Hon'ble MIC, Higher Education Department and Shri Manab Mukharjee, Hon'ble MIC, Environment and Information Technology are present among others.

Prof. Satya Sadhan Chakraborty, Hon'ble MIC, Higher Education, West Bengal addressing the audience on the occasion of '125th year' celebration of Bethune College, Kolkata.

Hon'ble Chief Minister of West Bengal Shri Buddhadeb Bhattacharjee is releasing the publication of Murshidabad Zilla Gazetteer in Bengali on 20th December,2003. Md. Anisur Rahaman,Hon'ble MIC, Animal Resource Development, Shri Jawhar Sircar, Principal Secretary, Higher Education Department and Dr. Pranab Chatterjee, Director, State Archives are present among others [Courtesy - Anandabazar Patrika]

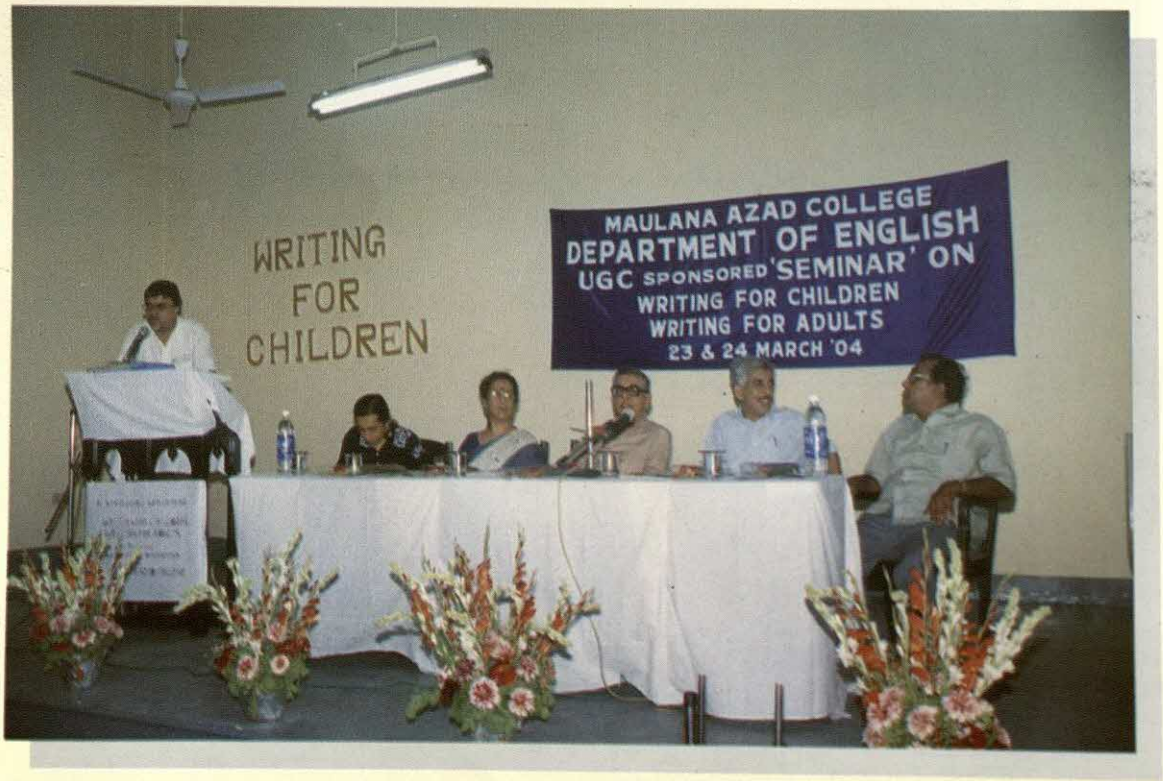


5th Inter Non-Govt. College State Athletic Meet organized at the Yuba Bharati Krirangan during 27th - 28th March, 2004.

5th Inter Non-Govt. College Football Championship organized at SAI Complex, Salt Lake during 22nd - 26th February, 2004

Seminar on "The Use of IT in Open and Distance Learning System of Higher Education : Mapping in the New Millennium."

(Left to Right) Sri Kiran Karnik, President, NASSCOM, Sri Manab Mukherjee, Hon'ble Minister-in-Charge, Information Technology and Environment, Government of West Bengal, Prof. (Dr.) Surabhi Banerjee, Vice-Chancellor, Netaji Subhas Open University and Sri B.S. Bhatia, Director, Development and Educational and Communication Unit, Indian Space Research Organization.



UGC Sponsored Seminar on 'Writing for Children - Writing for Adults' organised at Maulana Azad College, Kolkata during 23rd - 24th March, 2004

Students of Kalyani Govt. Engineering College are attending their practical class in the Electronic Laboratory.

Students of IMPS College of Engineering and Technology, Malda (2003) attending practical classes in laboratories.

CHAPTER – 1

HIGHER EDUCATION IN WEST BENGAL

AT A GLANCE

2003-2004

A. UNIVERSITIES :

(1) UNIVERSITIES AIDED BY THE STATE GOVERNMENT IN THE DEPARTMENT OF HIGHER EDUCATION ALONGWITH NUMBER OF AFFILIATED COLLEGES, ETC.

UNIVERSITY	No. of Departments	No. of faculty	No. of teachers	General degree colleges	Education Colleges	Physical Edn. Colleges	Law Colleges	Management Colleges	Art Colleges	Music College	Home Sc. College	Eng & Tech Colleges	Special Institute	Total No. of Colleges
1. Calcutta University	59	5	698	155	12	2	3	7	1	1	0	1	1	183
2. Burdwan University	28	4	266	78	7	1	1	1	0	1	0	1	2	92
3. Vidyasagar University	19	3	95	33	3	0	2	0	0	0	0	-	0	38
4. Kalyani University	22	4	245	35	2	0	1	0	0	0	0	1	0	39
5. North Bengal University	20	4	195	55	5	1	2	0	0	0	0	-	0	63
6. Jadavpur University	34	3	644	0	1	0	0	0	0	0	1	-	0	2
7. Rabindra Bharati University	22	3	155	0	0	0	0	0	1	0	0	-	0	1
8. Bengal Engineering College	12	2	179	0	0	0	0	0	0	0	0	-	0	0
9. Netaji Subhas Open University	–	3	–	0	0	0	0	0	0	0	0	-	0	0
10. West Bengal University of Technology	–	–	–	0	0	0	0	0	0	0	0	42	0	42
Total	–	–	**2603**	**356***	**30****	**4**	**9#**	**8+**	**2**	**2**	**1**	**45##**	**3**	**460**

* This includes self-financing private colleges.

** Includes three self-financing private B.Ed. colleges and National Institute of Orthopaedically Handicapped, Bonhooghly but excludes University Education Departments and Colleges with Education / Education as an elective subject.

This excludes three University Law Department (C.U.,B.U., N.B.U.) and W.B. University of Juridical Science

Five University/University Deptt. (J.U., B.E. College(DU), C.U. and W.B.U.T. not included)

+ Exclusively Management Institutes (I.I.M, Joka, nine Engineering and Technology Colleges with Management & six Universities Management Faculties not included).

(2) UNIVERSITIES AIDED BY THE STATE GOVERNMENT IN OTHER DEPARTMENTS :

1. Bidhan Chandra Krishi Viswavidyalaya.
2. West Bengal University of Animal and Fishery Sciences.
3. West Bengal National University of Juridical Sciences.
4. Uttarbanga Krishi Viswavidyalaya.
5. West Bengal University of Health Science

(3) CENTRAL UNIVERSITIES :

1. Visva-Bharati
2. Indira Gandhi National Open University, Regional Centre

B. INSTITUTES WITH SPECIAL STATUS :

1. Indian Institute of Management, Joka
2. Indian Institute of Technology, Kharagpur
3. Indian Statistical Institute, Baranagar

C. INSTITUTION OF NATIONAL IMPORTANCE :

1. Asiatic Society.

D. IMPORTANT RESEARCH INSTITUTIONS :

1. Bose Institute
2. Central Glass & Ceramic Research Institute
3. Centre for Studies in Social Sciences
4. Central Mechanical Engineering Research Institute, Durgapur
5. Indian Association for the Cultivation of Science
6. Indian Institute of Chemical Biology
7. Institute of Historical Studies
8. Netaji Institute for Asian Studies

9. Saha Institute of Nuclear Physics

10. Satyendra Nath Bose National Centre for Basic Sciences

11. Variable Energy Cyclotron Centre

E. IMPORTANT INSTITUTES/ORGANISATIONS ATTACHED TO THE DEPARTMENT OF HIGHER EDUCATION

1. WEST BENGAL STATE COUNCIL OF HIGHER EDUCATION :

Planning and co-ordination in the area of Higher Education.

2. WEST BENGAL COLLEGE SERVICE COMMISSION :

Conducts State Level Eligibility Test (SLET) for preparation of merit lists for recruitment to the posts of Lecturers in affiliated degree colleges and also recommends candidates for recruitment to the posts of principals.

3. DISTRICT GAZETTEERS :

The office of the State Editor, West Bengal District Gazetteers was set up in the late fifties to implement the Government of India scheme of revision of gazetteers which were compiled and published during the British Rule. It is engaged in research, compilation and publication of gazetteers and other allied literature. There is an Advisory Committee consisting of scholars and academicians to advise the State Editor.

4. STATE ARCHIVES :

The Archives is the repository of old historical records of the Government.

5. STATE BOOK BOARD :

The State Book Board was established in 1970. The Board has published 790 Books for undergraduate and postgraduate courses in 31 subjects till last year.

6. INSTITUT DE CHANDERNAGOR :

A centre for French language studies. There is also a museum at the Institute.

7. INSTITUTE OF ENGLISH.

The Institute was founded by the Govt. of West Bengal in collaboration with the British Council in 1963. It enjoys full academic autonomy in devising courses and syllabus, conducting examinations and conferring diplomas.

HIGHER EDUCATION IN WEST BENGAL AT A GLANCE 2003-2004

F. COLLEGES :

1. DIFFERENT TYPE OF COLLEGES

Government Colleges	General Degree Colleges	17
	Colleges for Education	7
	Colleges for Physical Education	4
	Art College	1
	Law College	1
	Engineering & Technological Colleges	6
	Total	**36**
Non-Govt. Colleges	General Degree Colleges	339
	Colleges for Education	23
	Law College	8
	Home Science College	1
	Music College	2
	Art College	1
	Special Institute	3
	Business Management/Business Administration College	8
	Engineering & Technological Colleges	39
	TOTAL	**424**
	Total Colleges in West Bengal	**460**

2. NEW POST-GRADUATE SUBJECTS APPROVED IN COLLEGES DURING 2003-04 :

Sl. No.	NAME OF COLLEGES	SUBJECT TAUGHT AT POST-GRADUATE LEVEL
1.	Lady Brabourne College	Geography
2.	Barasat Govt. College	Botany
3.	Darjeeling Govt. College	English
4.	Krishnath College	Sanskrit
5.	Malda College	English & History
6.	Balurghat College	Bengali & Commerce
7.	Raiganj College	Bengali
8.	Ananda Chandra College	Bengali

G. RABINDRA SMRITI PURASKAR - 2003

AWARD	RECIPIENTS	BOOKS
Bengali	Shri Pranabendu Dasgupta	Roudrer Nakhare
Science	Dr. Biswanath Chakroborty	Amake Cheno
Other Language	Shri Pradip Kr. Datta Shri Partho Chattopaddhay	*Carving Blocs **A Princely Imposter

*Carving Blocs : Communal Ideology in Early Twentieth Century Bengal.

**A Princely Imposter : The Kumar of Bhawal & the Secret History of Indian Nationalism.

H. SCHOLARSHIPS AND STIPENDS RELEASED :

National Scholarship — More than 1710

Merit Certificates — about 2871

D.P.I. Special Stipend,
Mohasin Trust Fund,
Nizamat Stipend } about 711

HIGHER EDUCATION IN WEST BENGAL AT A GLANCE 2003-2004

I. NATIONAL SERVICE SCHEME :

584 NSS Units were operational in the state, marking an increase of about 10% from the previous year. The NSS Units are located in different academic institutions like colleges, H.S. (+2) schools and universities. Provision was made for 238 special NSS camps in the year. A total of Rs. 41,67,378/= for NSS regular activities and Rs. 35,77,000/= for NSS special camping programmes were disbursed in the year. The male : female ratio among the volunteers this year was broadly 3 : 2, reflecting the same general trend as in other years.

Notable types of NSS activities undertaken in the year were: construction of earthen roads and flood-protection walls, blood donation, illiteracy eradication, immunisation, health check-up camps, AIDS awareness campaigns, World Environment Day celebration, health-hygiene-and-sanitational sense enhancement programmes, etc.

J. N. C. C. :

NCC has gone under the administrative control of the Home (Civil Defence) Department of the Government of West Bengal since the middle of 2003.

K. ENROLMENT OF STUDENTS IN DIFFERENT AREAS OF STUDY IN UNIVERSITIES AND COLLEGES

Area of Study	Boys				Girls				GRAND TOTAL
	Gen	SC	ST	Total	Gen	SC	ST	Total	
Arts	158678	38040	5319	202037	153684	23211	2765	179660	381697
Commerce	98901	9770	1201	109872	22766	1631	380	24777	134649
Science	71406	8674	1086	81166	34045	4000	551	38596	119762
Education	3047	749	154	3950	3669	580	89	4338	8288
Management	1926	178	9	2113	484	35	3	522	2635
Engineering	31331	3904	303	35538	7199	664	97	7960	43498
Law	2382	431	41	2584	795	131	26	952	3806
Total	**367671**	**61746**	**8113**	**437530**	**222642**	**30252**	**3911**	**256805**	**694335***

TOTAL NO OF STUDENTS BELONGING TO GENERAL CASTE	590313
TOTAL NO OF STUDENTS BELONGING TO SCHEDULED CASTE	91998
TOTAL NO OF STUDENTS BELONGING TO SCHEDULED TRIBE	12024
Grand Total	**694335**

*This exculdes enrolment of students in :

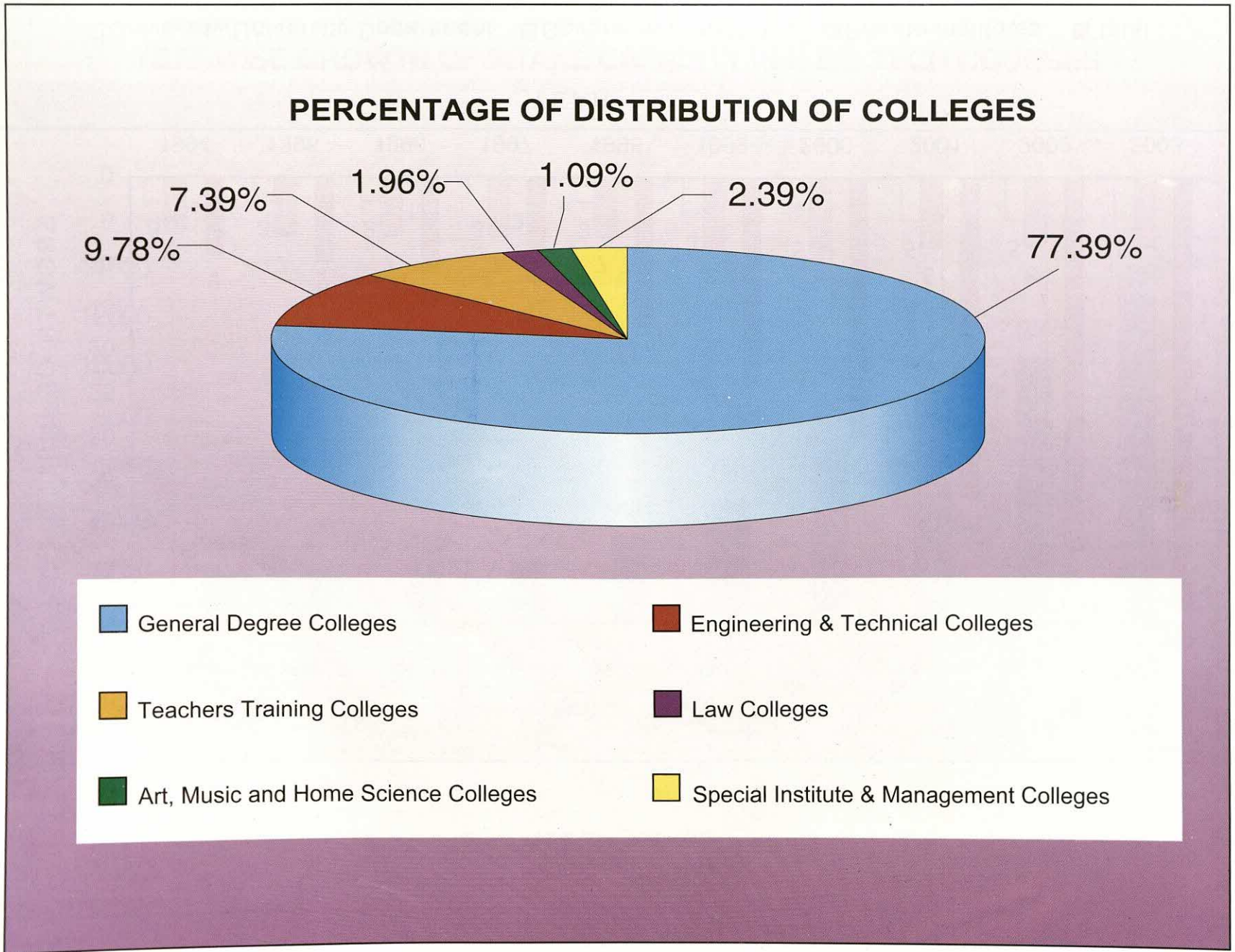
1) Two central universities located in West Bengal (Bisva Bharati and IGNOU), State aided universities attached to the Deptts of Law, Agriculture, Animal & Fishery Sciences and Health & Family Welfare.

2) Central Institutes/Institutes managed by Central Agencies etc. located in West Bengal (e.g. IIT, Kharagpur, ISI, Baranagar, IIM, Joka etc).

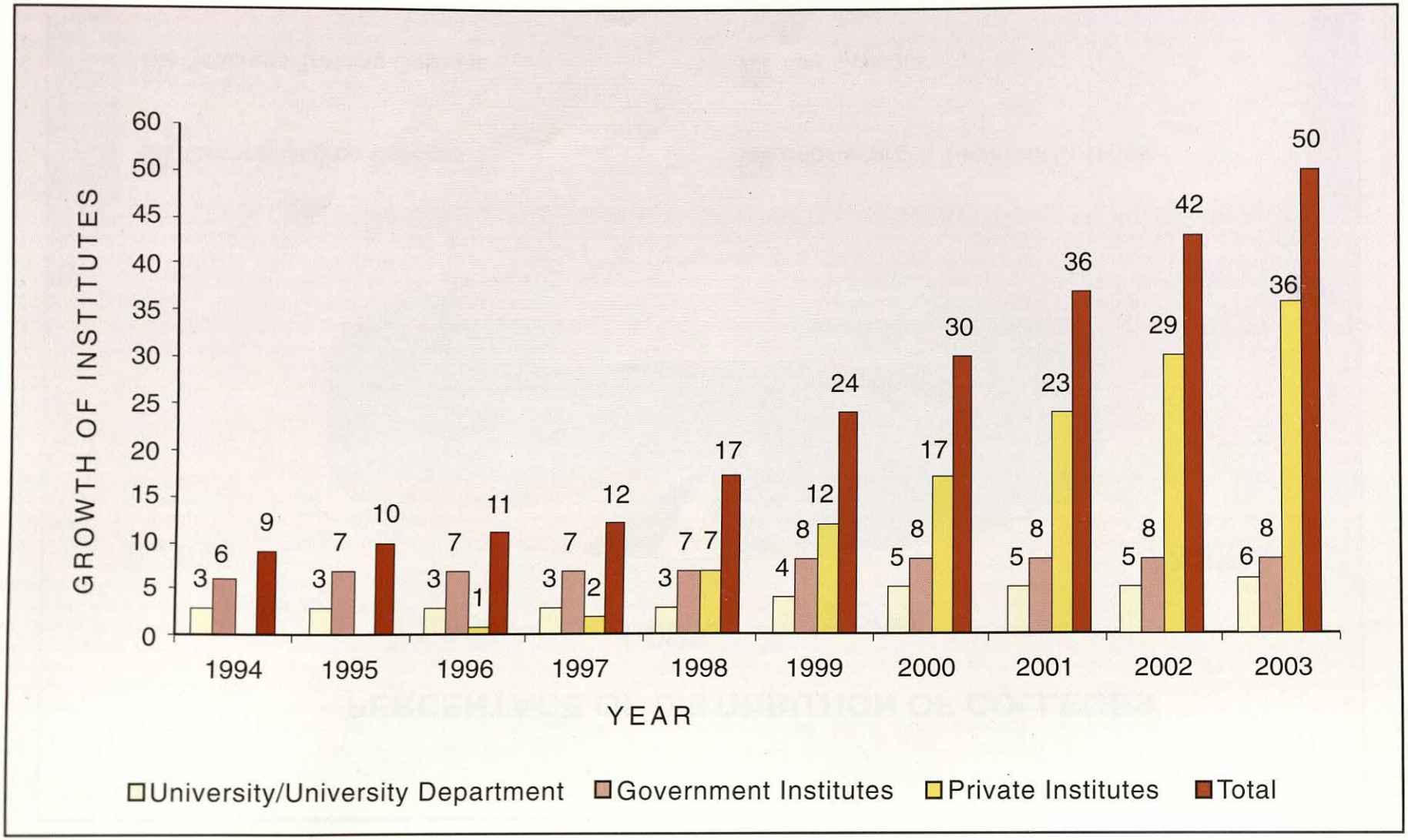
L. CHARTS/GRAPHICAL REPRESENTATION OF GROWTH OF COLLEGES ETC.

1. Percentage of distribution for different categories of colleges

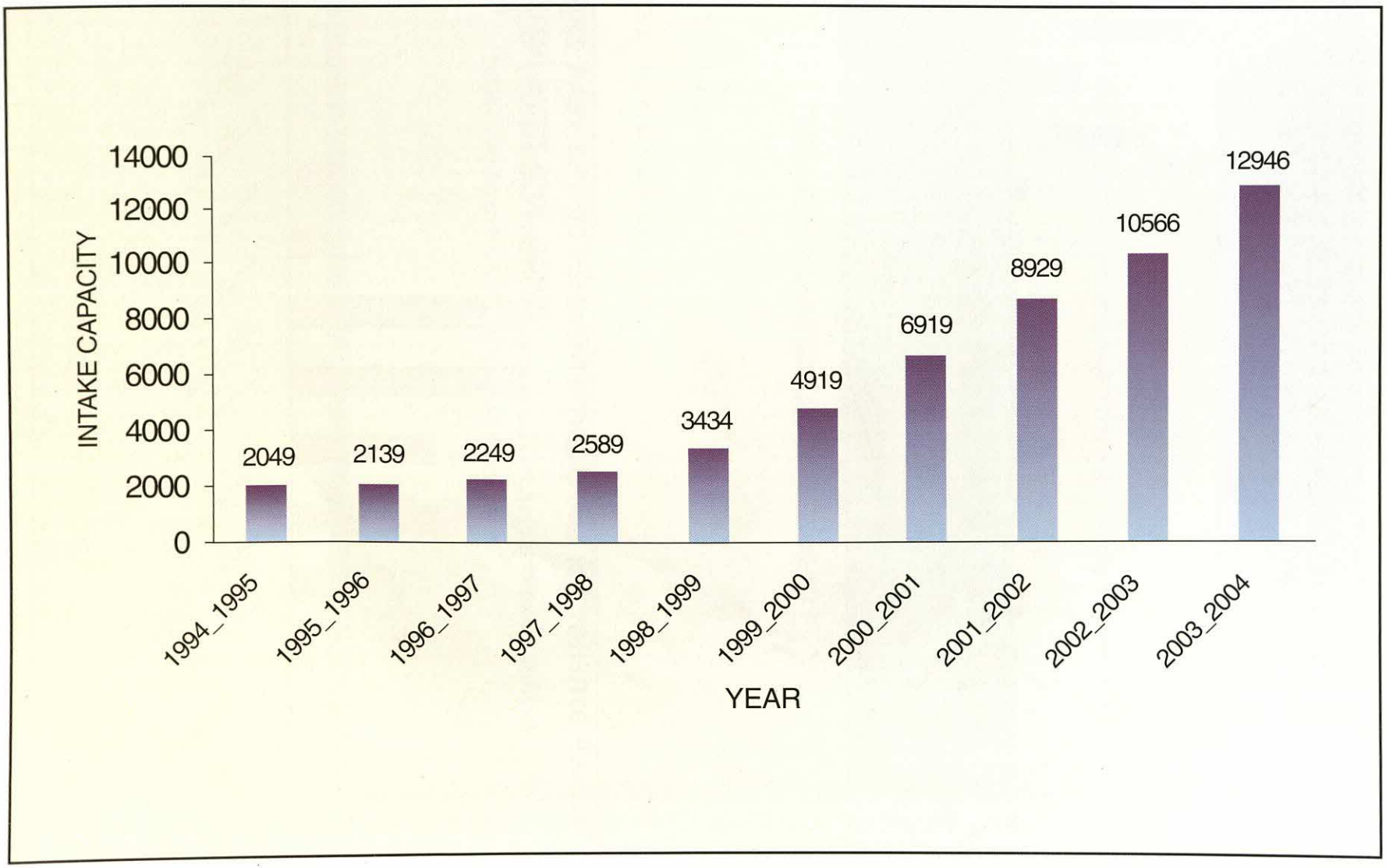
Category	Number	Percentage
General Degree Colleges	356	77.39
Engineering & Technological Colleges	45	9.78
Teachers' Training Colleges	34	7.39
Law Colleges	9	1.96
Art , Music & Home Science Colleges	5	1.09
Special Institute and Management Colleges	11	2.39
TOTAL	460	100

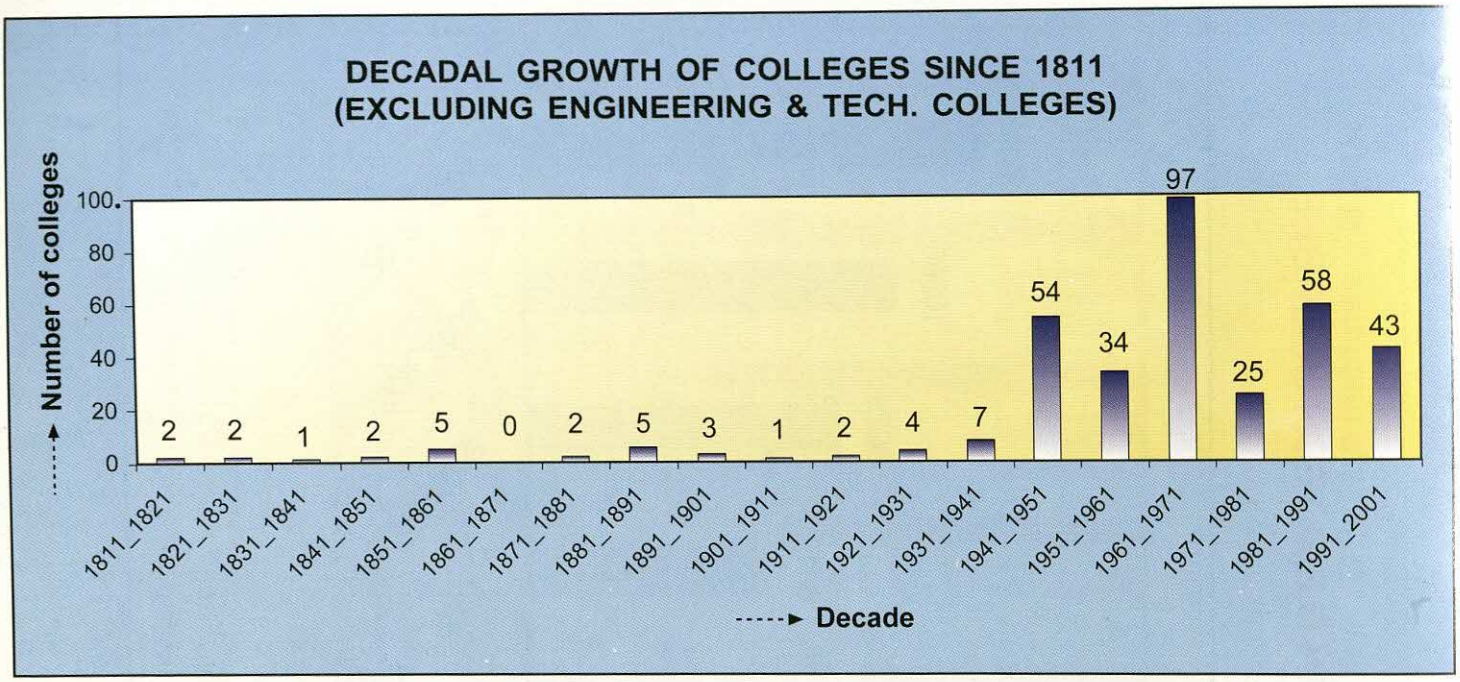

PERCENTAGE OF DISTRIBUTION OF COLLEGES
77.39%
9.78%
7.39%
1.96%
1.09%
2.39%
General Degree Colleges
Engineering & Technical Colleges
Teachers Training Colleges
Law Colleges
Art, Music and Home Science Colleges
Special Institute & Management Colleges

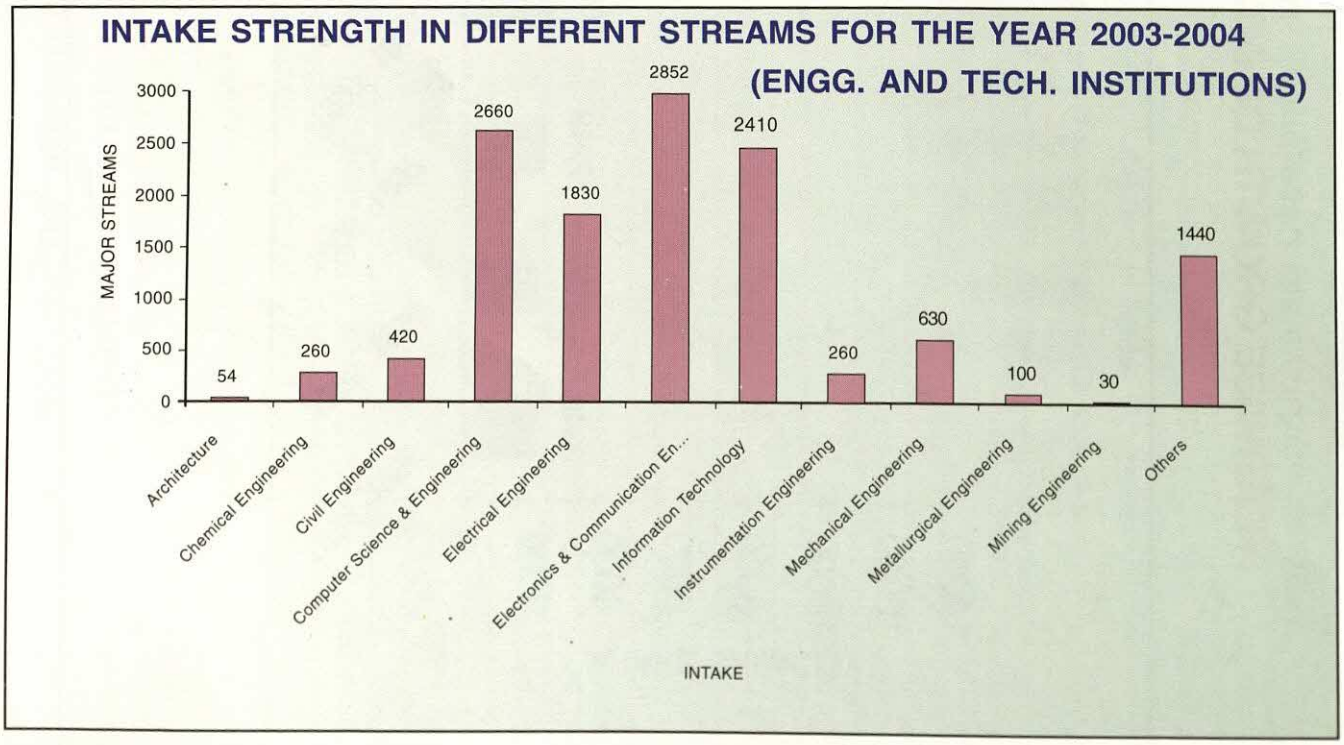
Growth of Engineering and Colleges/Institutes and University Departments offering B.E/B.Tech Courses in the State of West Bengal



YEARWISE GROWTH OF INTAKE CAPACITY IN B.E/B.TECH COURSES




DECADAL GROWTH OF COLLEGES SINCE 1811
(EXCLUDING ENGINEERING & TECH. COLLEGES)
Number of colleges
100
80
60
40
20
0
2
2
1
2
5
0
2
5
3
1
2
4
7
54
34
97
25
58
43
1811_1821
1821_1831
1831_1841
1841_1851
1851_1861
1861_1871
1871_1881
1881_1891
1891_1901
1901_1911
1911_1921
1921_1931
1931_1941
1941_1951
1951_1961
1961_1971
1971_1981
1981_1991
1991_2001
Decade


INTAKE STRENGTH IN DIFFERENT STREAMS FOR THE YEAR 2003-2004
(ENGG. AND TECH. INSTITUTIONS)
MAJOR STREAMS
3000
2500
2000
1500
1000
500
0
54
260
420
2660
1830
2852
2410
260
630
100
30
1440
Architecture
Chemical Engineering
Civil Engineering
Computer Science & Engineering
Electrical Engineering
Electronics & Communication En...
Information Technology
Instrumentation Engineering
Mechanical Engineering
Metallurgical Engineering
Mining Engineering
Others
INTAKE

CHAPTER – 2

ADMINISTRATIVE SET UP OF THE HIGHER EDUCATION DEPARTMENT

2.1 Introduction

2.2 Administrative set up

2.3 Functionaries in the Department of Higher Education

2.4 Universities and other important Organisations/Institutions attached to the Deptt. of Higher Education

CHAPTER-2

ADMINISTRATIVE SET UP OF THE HIGHER EDUCATION DEPARTMENT

2.1 INTRODUCTION

This report is being published for the 12th year in succession. It presents the status of higher education in the state of West Bengal. It describes in particular, the activities of the Department of Higher Education of the Government of West Bengal for the year 2003-2004. It also contains an account of the activities of different organisations and institutions attached to the Department of Higher Education as furnished by the organisations/institutions themselves. However, the report does not provide information on other departments concerned with education. **The report does not have any relevance as a Government Order or official policy pronouncement.**

PRESENT STATUS

The Higher Education Department is the successor to the erstwhile Department of Education. The Department of Mass Education Extension was carved out of the Department of Education to deal with, among other things, the subject of adult education, in terms of Notification No 5106-A.R. dated the 21st April, 1988. The Department of Technical Education & Training was similarly created in terms of Notification No 16129-A.R.dated the 29th June, 1991. The Polytechnic institutions which had so long functioned under the Higher Education wing of the erstwhile Education Department were taken over by the newly created department. Finally, the Education Department was abolished and in its place were created two departments, namely, the School Education Department and the Higher Education Department in terms of Notification No 670-Home (Cons) dated, the 8th Nov, 1995.

2.2 ADMINISTRATIVE SET UP

The highest executive of the Higher Education Department is the Minister-in-Charge of the Department.

The Principal Secretary is the official head of the Department of Higher Education. He is assisted by Special Secretaries, Joint Secretaries, Deputy Secretaries, Assistant Secretaries and Officers on Special Duty. The Principal Secretary also functions as the Secretary to the Chancellor of the State Universities connected with the Department.

ADMINISTRATIVE SET UP

The Department of Higher Education is comprised of a number of branches and cells, namely, Establishment Branch, Budget Branch, University Branch and Chancellor's Secretariat, Non-Govt. College Branch, Govt. College Branch, Appointment Branch, Technical Education Branch, Miscellaneous and Social Education Branch, Pension Cell, N. S. S. Cell, Vigilance Cell, Audit Cell and Computer Cell.

EDUCATION DIRECTORATE

The commitment of the Department of Higher Education in financial and administrative matters of the Colleges (Govt. and Non-Govt.) is carried out through the Education Directorate. The Directorate is headed by the Director of Public Instruction who is also an ex-officio Secretary to the Govt. of West Bengal.

The D.P.I. is assisted by Addl. Directors of Public Instruction (A.D.P.I) and Joint Directors of Public Instruction (J.D.P.Is). The sections of the Education Directorate which deal with various matters related to the Colleges include Appointment, College (Non-Govt. and Govt.), Pay Packet (PPS), U.G.C., Training, Accounts, Physical Education, Scholarships & Stipends, Planning & Statistics (P & S), Social Education, Hindi Education, National Cadet Corps (N.C.C) and Law. There are also some special cells under the Directorate, namely, Audit Cell, Law Cell, etc. The sectional activities are performed under the supervision of different JDPIs. Besides, there are Accounts and Administrative Officers who supervise functions like release of pay packet, grants, pension, drawal of salaries etc.

DISTRICT LEVEL ADMINISTRATION

There are three Regional Education Offices under the Education Directorate located in Calcutta, Chinsurah and Jalpaiguri, controlling Presidency, Burdwan and Jalpaiguri divisions respectively. Deputy Regional Education Officers (D.R.E.O.) are in charge of these three offices now. They have the status of an Jt..D.P.I. The D.R.E.O.s assist the D.P.I. in the supervision of the Non-Govt. Colleges. The D.R.E.O., Jalpaiguri also releases the pay packet for colleges in all the districts of Jalpaiguri division excepting Malda district.

DIRECTORATE OF TECHINICAL EDUCATION

The Higher Education Department exercises administrative and financial control over the engineering and technological colleges in this State through the Directorate of Technical Education which is headed by the Director of Technical Education (D.T.E.). The D.T.E. is assisted by a Joint Director of Technical Education, Deputy Directors of Technical Education, Assistant Directors of Technical Education and other staff members.

THE WEST BENGAL STATE COUNCIL OF HIGHER EDUCATION

It was established in 1994 with a view to assisting the Department in formulating policy and implementation of certain matters entrusted to it. The office bearers of Council have also been assigned certain statutory functions under the West Bengal Prohibition of Ragging in Educational Institutions Act, 2000.

WEST BENGAL COLLEGE SERVICE COMMISSION

The Commission came into existence in 1979. It prepares merit panels of candidates eligible for recruitment to the posts of Lecturer in different subjects in non-government colleges affiliated to the universities of West Bengal. It also recommend candidates for appointment in the vacant posts of Principal in these colleges. The Commission also organises State level Eligibility Test (SLET) for Lecturership in Universities and Colleges.

WEST BENGAL DISTRICT GAZETTEERS

This wing of the Department publishes or reprints the Gazetteers of different districts of West Bengal, the State Gazetteer and allied literature.

PASCHIM BANGA HINDI ACADEMY

This Academy has been promoting education in Hindi in West Bengal since 1990.

STATE ARCHIVES

It is a specialised wing of the Department of Higher Education functioning as a repository of historical official records.

OTHER ORGANISATIONS/INSTITUTIONS

The organisations/institutes, which come under the administrative and financial jurisdiction of the Department of Higher Education in this State, are :

(a) Universities including the B.E.College (Deemed University).

(b) Degree Colleges (including Engineering and Technological Degree Colleges, Management and Hotel Management but excluding Medical & Veterinary Colleges).

(c) Academic and research Institutes,

(d) State Book Board,

(e) Paschim Banga Hindi Academy,

(f) Day Students' Homes.

AUTONOMOUS/VOLUNTARY ORGANISATIONS

Various autonomous/voluntary organisations engaged in the promotion of science, arts and culture receive grants from the Department of Higher Education. An illustrative list of these organisations are:

(a) Academy of Fine Arts.
(b) Bangiya Bignan Parishad.
(c) Bangiya Sahitya Parishad.
(d) Bengal Bratachari Society.
(e) Centre for Studies in Social Sciences.
(f) Jagadish Bose National Science Talent Search.
(g) Indian Association for the Cultivation of Science.
(h) Indian School of Social Sciences.
(i) Institute of Historical Studies.
(j) Institute of Science, Education and Culture.
(k) Netaji Institute of Asian Studies.
(l) Paschim Banga Itihas Samsad,.
(m) R. K. Mission Institute of Culture.
(n) Socio-economic Research Institute.

2.3 FUNCTIONARIES IN THE DEPARTMENT OF HIGHER EDUCATION

Minister-In-Charge	Prof. Satyasadhan Chakraborty	2334-6181, PBX-2334-0554, 0576, 2358-9979, 2321-7155 Ext. 3011, 3012 Fax-2337-3277
Confidential Assistant	Shri Sailen Das Sharma	
Private Secretary	Shri Amalesh Pathak	

DEPARTMENT OF HIGHER EDUCATION

Principal Secretary	Shri Jawhar Sircar, IAS	Overall charge of the Deptt. and also the Deptt. of Science & Technology.	2337-8573 PBX-2334-0554,0576, 2358-9979, 2321-7155 Ext. 3091 Fax-2358-7266 E.mail : pshe@wb.nic.in jawharsircar@yahoo.co.in
Joint Secretary	Shri Sabyasachi Roy, IAS	Budget, Audit Matters, Social Education & Miscellaneous Branch ,Technical Branch, DTE's Establishment, BE College & W.B. University of Technology, World Bank Schemes/ TEQIP, Assembly & Parliament Matters-	2337-6564 (Direct) PBX-2334-0554,0576, 2358-9979 Ext. 3092

		Coordination, Overall Coordination among different Branches/Sections, Social Education & Miscellaneous Branch	
Joint Secretary	Shri A. Ahad	Establishment, Parliamentary and Assembly matters including Coordination, Reservations of ST/SC/ OBC etc., District Gazetteers, NSS matters, State Archives, Protocol Matters.	2334-7526 (Direct) PBX-2334-0554,0576, 2358-9979 Ext. 3018
Joint Secretary	Shri C.R. Musib	All matters relating to establishment of all Universities including W.B. State Council of Higher Education, B.E. College (D.U.), W.B.U.T. etc. All matters in respect of Chancellor's Secretariat, Coordination with GOI-HRD & UGC,	2337-6783 (Direct) PBX-2334-0554,0576, 2358-9979 Ext.-3008
Joint Secretary	Shri D. P. Nag	All Budgetary matters, Publication of Rabindra Rachanabali, Social Education, Miscellaneous, Audit, Public Grievance, P.A. Committee, Book Board Matter.	2321-2550 (Direct) PBX-2334-0554,0576, 2358-9979 Ext.3098
Deputy Secretary	Shri L. Hembram	Establishment, Reservations of ST/SC/OBC & Disability. Establishment matters relating to Sponsored colleges (Admissibility of HRA, Service Continuity Matter, Matter with regard to terminal benefit like pension, Employment in Non-Govt Colleges on compassionate ground, Pay related matter) Pension cases including retirement benefit of all employees of this Deptt. Vigilance/Integrity report, Asset Statement etc.	2321-6740 (Direct) PBX-2334-0554,0576, 2358-9979 ,2321-7155 Ext. 3023

ADMINISTRATIVE SET UP

Deputy Secretary	Shri K. K. Chakraborty	Establishment matters relating to D.P.I-Appointment Branch., District Gazetteers, all matters relating to maintenance and development of all Govt. Colleges.	PBX-2334-0554,0576, 2358-9979 Ext. 3090
Deputy Secretary	Shri M. Biswas.	All matters relating to Engineering Colleges, including B.E. College (Govt. portion), World Bank Scheme (TEQIP), the works of Computer Cell, Statistics/Annual Reports, Private Engg. & Management Institution etc, WBUT.	2334-2605 (Direct) PBX-2334-0554,0576, 2358-9979, 2334-0597 Ext. 3094 e-mail : hiedu@vsnl.net
Deputy Secretary	Shri J. K. Mittra	All matters relating to Sponsored colleges including College Service Commission, National Council of Teachers' Education, B.Ed., M.Ed., Law Education, National Assessment & Accreditation Council, C.T.E., I.A.S.E. etc.	2321-0058 2359-9669 (Direct) PBX-2334-0554,0576, 2358-9979 Extn. 3102
Assistant Secretary	Sm. M. Shyam Roy	All matters relating to Engineering Colleges IIIT including College (Govt. portion). World Bank Scheme (TEQIP).	PBX-2334-0554,0576, 2358-9979 Ext. 3073
Assistant Secretary	Shri A.K.Maity	Establishment matters relating to D.P.I-Appointment Branch., District Gazetteers	PBX-2334-0554,0576, 2358-9979 Ext. 3064
Assistant Secretary	Vacant	All matters relating to Sponsored colleges including College Service Commission, National Council of Teachers' Education, B.Ed., M.Ed., Law Education, National Assessment & Accreditation Council, C.T.E., I.A.S.E. etc.	PBX-2334-0554,0576, 2358-9979 Ext. 3066
Assistant Seccretary	Sm. Ratna Mukherjee	All matters relating to establishment of all Universities including W.B. State Council of Higher Education Policy, B.E. College (D.U.), W.B.U.T. etc.	PBX-2334-0554,0576, 2358-9979 Ext. 3072

Assistant Secretary	Shri Banamali Das	All matters relating to maintenance and development of all Govt. Colleges.	PBX-2334-0554,0576, 2358-9979 Ext. 3065
State Liaison Officer (NSS) [and Deputy D.P.I.(NCC)]	Shri Subrata Ghosh	N.C.C. & N.S.S. matters.	2334-4734 PBX-2334-0554,0576, 2358-9979 Ext. 3157
Registrar	Shri Suprokash Sarkar	Establishment, Parliamentary and Assembly matters, Reservations of ST/SC/OBC etc.	PBX-2334-0554,0576, 2358-9979 Ext. 3068
O.S.D.	Vacant	Establishment matter relating to Leave Cases and Maintenance of Office Machines, Pension cases including retirement benefit of all employees of this Deptt., Vigilance/Integrity report, Asset Statement etc., Social Education Branch, Misc. Branch.	PBX-2334-0554,0576, 2358-9979 Ext.3062
O.S.D.	Shri S.C.Boral	Integrated Law Cell (Law matters, Court Cases etc.)	PBX-2334-0554,0576 2358-9979 Ext. 3155
O.S.D.	Shri Samirendra Nath Majumdar	All matters relating to establishment of all Universities including W.B. State Council of Higher Education Policy, B.E. College (D.U.)	PBX-2334-0554,0576, 2358-9979 Ext.3081
O.S.D.	Shri Salil Sengupta	All matters in respect of Chancellor's Secretariat	PBX-2334-0554,0576, 2358-9979 Ext. 3074
O.S.D.	Shri Tushar Kanti Bhowmick	Establishment matters relating to D.P.I- Appointment Branch., District Gazetteers, CTE & IASE matters.	PBX-2334-0554,0576, 2358-9979 Ext. 3067

ADMINISTRATIVE SET UP

O.S.D.	Shri Golam Quddus Baidya	All Budgetary matters	PBX-2334-0554,0576, 2358-9979 Ext. 3074
O.S.D.	Shri Subimal Hazra	All matters relating to Engineering Colleges, IIIT including B.E. College (Govt. portion),World Bank Scheme (TEQIP)	PBX-2334-0554,0576, 2358-9979 Ext. 3079
Accounts Officer	Shri A.K. Sarkar	Public Accounts Committee and Audit Cell, Budget Branch.	PBX-2334-0554,0576, 2358-9979 Ext. 3103
Accounts Officer	Shri A.P. Bhattacharyya	Audit - PAC matters	PBX-2334-0554,0576, 2358-9979 Ext. 3043

EDUCATION DIRECTORATE

Director of Public Instruction & Ex-officio-Secretary	Dr. Subha Sankar Sarkar	Overall charge of the Directorate	2337-8269, PBX-2334-0554, 0576,2358-9979 Ext 3242
Additional D. P. I. (Administration) (Addl. charge)	Dr. Subha Sankar Sarkar	Govt. Colleges; Administration of the Directorate	2334-3980, PBX-2334-0554, 0576,2358-9979 Ext 3263
Joint D.P.I. (Planning & Statistics)	Vacant	Some general matters of Non-Govt. Colleges; Non-salary grants; Pay packet of professional colleges	PBX-2334-0554, 0576,2358-9979 Ext 3262
Joint D. P. I. (NGC)	Dr. Prabir Kr. Das	Service matters of some Non-Govt. colleges; D.D.O	PBX-2334-0554, 0576, 2358-9979 Ext 3151
Joint D. P. I. (Pay Packet Section)	Shri Mrinal Kanti Dutta	Pay Packet of some Non-Govt. colleges	PBX-2334-0554, 0576,2358-9979 Ext 3261
Joint D. P. I. (NGC)	Dr. Jibendu Kumar Ray	Service matters of some Non-Govt. colleges	PBX-2334-0554, 0576,2358-9979 Ext 3150
Joint D. P. I. (UGC)	Dr. Bandana Chakraborty	Service matters of some Non-Govt. colleges	PBX-2334-0554, 0576,2358-9979 Ext 3152
Joint D. P. I. (UGC)	Dr. Dilip Kr. Sarkar	Service matters of some Non-Govt. colleges	PBX-2334-0554, 0576,2358-9979 Ext 3153
Joint D. P. I. (UGC) & Law Officer	Dr. Ram Narayan Mukhopadhyay	Service matters of some Non-Govt. colleges; Law affairs	2334-3004, PBX-2334-0554, 0576,2358-9979 Ext 3274

Library

Joint D. P. I. (Training)	Dr. Pranab Krishna Choudhury	Training Colleges, Pay Packet of some Non-Govt. colleges	PBX-2334-0554, 0576,2358-9979 Ext 3148
Joint D. P. I. (UGC)	Shri Tushar Kanti Ghara	Service matters of some Non-Govt. colleges	PBX-2334-0554, 0576,2358-9979 Ext 3154
Addl. D. P. I. (NGC)	Vacant		
Joint D. P. I. (Stipend & Scholarship)	Vacant	Stipend ; Scholarship	PBX-2334-0554, 0576,2358-9979 Ext 3147
Joint D. P. I. (Hindi)	Dr. Alakananda Bhattacharya	Hindi Education; Hindi Academy	
Deputy D. P. I. (NCC) and State Liaison Officer (NSS)	Shri Subrata Ghosh	N.C.C. & N.S.S. matters	2334-4734 PBX-2334-0554, 0576,2358-9979 Ext 3157
Addl. D. P. I. (Physical Education) (Addl. charge)	Dr. Atindra Nath Dey	Physical Education	PBX-2334-0554, 0576,2358-9979 Ext 3149
Addl. D. P I. (Planning & Statistics)	Vacant.		
D.R.E.O. (Presidency Division) & Ex-officio Joint D. P. I.	Shri Jayanta Joy Chattopadhyay	Supervision of some Non-Govt. colleges, CAS of Govt. Colleges	PBX-2334-0554, 0576,2358-9979 Ext 3161
D.R.E.O. (Burdwan) & Ex-officio Joint D. P. I.	Dr. Ashis Mukherjee	Supervision of some Non-Govt. colleges	2680-5188
D.R.E.O. (Jalpaiguri) & Ex-officio Joint D. P. I.	Shri Krishna Deb Goswami	Supervision of some Non-Govt. colleges; Pay Packet of some Non-Govt. colleges	(03561) 230281

Administrative Officer	Shri Priyatosh Bhattacharyya		PBX-2334-0554, 0576,2358-9979 Ext 3155
P. A. To D.P.I.	Vacant		PBX-2334-0554, 0576,2358-9979 Ext 3158
Deputy Director of Accounts	Shri Hirak Mukherjee		PBX-2334-0554, 0576,2358-9979 Ext 3159
Deputy Director of Accounts (Pension)	Shri Gautam Dey		PBX-2334-0554, 0576,2358-9979 Ext 3281
Deputy Director of Accounts	Shri Braja Gopal Chowdhury		PBX-2334-0554, 0576,2358-9979 Ext 3281
Assistant Director of Accounts	Shri Sachindra Nath Roy		PBX-2334-0554, 0576,2358-9979 Ext 3281
Assistant Director of Accounts	Bhaswati Dewedi		PBX-2334-0554, 0576,2358-9979 Ext 3272
Assistant Director of Accounts	Shri Sajal Baran Manna		
Accounts Officer (Internal Audit Cell)	Shri Kalyan Kumar Nandi		PBX-2334-0554, 0576,2358-9979 Ext 3156
Accounts Officer (Internal Audit Cell)	Shri Sisir Ranjan Palit		PBX-2334-0554, 0576, 2358-9979 Ext 3156

ADMINISTRATIVE SET UP

DIRECTORATE OF TECHNICAL EDUCATION

Director of Technical Education	Dr. Sajal Dasgupta	All matters pertaining to Higher Technical Education in the State.	2334-7077 (D) 2321-2608 FAX 2334-7077
Joint Director	Dr. A. Basu	Engineering & Technology Colleges, Establishment & Law matters, Inspections, etc.	2334-5817 (D) 2337-6730 Ext. 3225
Officer- on-Special Duty (Jt. D.T.E.)	Shri P. K. Das	Government & Private Engineering Colleges, Inspections, etc.	2337-6730 Ext. 3217
Deputy Director of Technical Education	Shri P. Das	Private Engineering & Technological Colleges, Statistics, Data Processing through Computer, AICTE matters, Publication, etc.	2337-6730 Ext. 3214
Assistant Director of Technical Education	Dr. B. Chatterjee	Technology Colleges, Law matters, Inspections, etc.	2337-6730 Ext. 3210
Assistant Director of Technical Education	Shri M. Deb	Private Management Institutions, different correspondences with Government and external agencies (except AICTE), movement of Departmental files, Miscellaneous matters of DTE and Inspection.	2337-6730 Ext. 3214
Assistant Director of Technical Education (Audit & Accounts)	Shri A.K. Das	Budget, Accounts and Financial Matters, Drawing & Disbursing officer.	2337-6730 Ext. 3220
P.A. to D.T.E.	Vacant	Miscellaneous works of D.T.E as and when arises.	2337-6730 Ext. 3213
Administrative Officer	Smt. M. Deb	Office Administration including attendance, leave, etc.	2337-3213 Etn

WEST BENGAL DISTRICT GAZETTEERS

State Editor	Dr. Pranab Kr. Chatterjee	Overall charge of the office in addition to State Archives	2334-5400 2337-6730 Ext.3182
Deputy State Editor	Shri A. Ahad, WBCS (Exe.)	Joint Secretary, H.E.Deptt.	2334-7714 Ext.3176
Asstt. Editor	Shri B.R.Chakraborty WBCS (Exe.)	D.D.O. & All matters of the Office	2334-7714
Asstt. Editor	(2 posts)Vacant		
Research Officer (3 posts)	Dr. S. Lodh	Research Work	Ext. 3181
One post vacant	Shri D. G. Mukhopadhya	Research Work	

WEST BENGAL STATE ARCHIVES

Director	Dr. Pranab Kr. Chatterjee	Overall charge of the office	2241-3966 2281-0661
Deputy Director	Dr. Udayan Mitra	Establishment	2214-5600 2214-1339 Ext. 4022
Assistant Director	Smt. Aradhana Ghosh	Historical Section	2241-1044
Assistant Director	Vacant	New functional building	-
Chief Archivist	Smt. S. Guha Thakurata	Current Section	-
Chief Archivist	Shri Dilip Kr. Mukherjee	Historical Section	-

2.4 Universities and other important Organisations/Institutions attached to the Deptt. of Higher Education

WEST BENGAL STATE COUNCIL OF HIGHER EDUCATION

Vice Chairman	Prof. Subimal Sen	Ph. 2466-0209
Jt. Secretary	Dr. Nirmalya Banerjee	Ph. 2466-1005 Fax : 24660209

ADMINISTRATIVE SET UP

VICE-CHANCELLORS OF THE UNIVERSITIES

Calcutta University	Prof. Ashish Banerjee.	Ph : 2241-3288 Fax : 241-3222
Jadavpur University	Prof. A.N. Basu.	Ph : 2414-6000 Fax : 2413 7121
Rabindra Bharati University	Prof. Bharti Mukherjee.	Ph : 2556-8019 Fax : 2556-8079
Burdwan University	Prof. Amit Kumar Mallik	Ph : (95342)-2532900 Fax : (091)342-25304
Kalyani University	Prof. N. N. Saha.	Ph : 2582-8282 Fax : 2582-8282
Vidyasagar University	Prof. Swapan Pramanik	Ph : (953222)261009 Fax : (953222)264338
North Bengal University	Prof. Pijush Kanti Saha.	Ph. : (0353)2581255 Fax : (0353)2581546
West Bengal University of Animal & Fishery Sciences	Dr. S.S. Ghosh	Ph: 2556-3450 Fax: 2557-1986
Bidhan Chandra Krishi Viswavidyalaya	Dr. Debabrata Dasgupta	Ph: 2587-9772,953473-222666 Fax : 03473-222275
Uttar Banga Krishi Viswavidyalaya	Dr. Mrinal Mazumder	Ph. : 03582-270141/249
West Bengal University of Health Science	Prof.(Dr.) Madan Mohan Chowdhuri	Ph : 2321-5388 Fax : 2321-5389
Visva Bharati (Central) University	Prof. Sujit Basu.	Ph : 953463-252451 Fax : 953463-252672
Bengal Engineering College (Deemed University)	Prof. Amaljyoti Sengupta	Ph : 2668-2916 Fax : 2668-4564
Netaji Subhas Open University	Prof. Surabhi Banerjee	Ph : 2287-1056 Fax : 2287-1082
The W.B. National University of Judicial Sciences	Prof. B. S. Chimni	Ph: 2335-0534 Fax : 2335-7422
The West Bengal University of Technology	Prof. A. R. Thakur (Pro-VC)	Ph : 23217578 Fax : 23217578

DIRECTORS OF ACADEMIC BODIES/INSTITUTES/WINGS

Director. Netaji Institute for Asian Studies	Dr. Suranjan Das	Ph : 2247-3145
Director. State Archives	Dr. Pranab Kr. Chatterjee	Ph : 2241 3966
Institute of English	Dr. Debalina Banerjee	Ph : 2466 3039
Secretary, Paschim Banga Hindi Academy	Dr.Alakananda Bhattacharya	Ph : 2219-1277
Director, Regional Centre of Indira Gandhi National Open University (IGNOU)	Dr. C. K. Ghosh	Ph.& Fax : 2334 9850/7576
Regional Officer, Eastarn Region, AICTE	Dr. N. Kolay	Ph : 2335-7459 Fax : 2335-7312

CHAIRMAN/CHIEF EXECUTIVE OFFICER/ SECRETARY OF BOARDS/COMMISION

West Bengal College Service Commission, Chairman	Prof. Ajit Kumar Banik.	Ph & Fax : 2241-4679
Joint Entrance Examination Board, Chairman	Prof. Amaljyoti Sengupta	Ph : 2668 4890 Fax : 9133-2668-4676
West Bengal State Book Board, Chief Executive Officer	Prof. R. Bhattacharyya	Ph : 2236-7854

UNIVERSITIES AND ORGANISATIONS

Calcutta University	: 2241-0071-0074/4984-90/2859 R-2574-7474
Vice-chancellor	: 2241-3288 Fax: 2241-3222 Telex : 021-2752 **UNIVIN**
Pro. Vice-chancellor (Academic)	: 2241-0071-74/4984-90/2859 R-359-1616
Pro. Vice-chancellor (Finance)	: 2241-4984
Registrar	: 2241-0071/4984
Jadavpur University (Main Campus)	**:**
Vice chancellor	: 2414-6000 R-2472-1237
Pro. Vice-chancellor	: 2414-6001 R- 2337-2351
Registrar	: 2414-6414

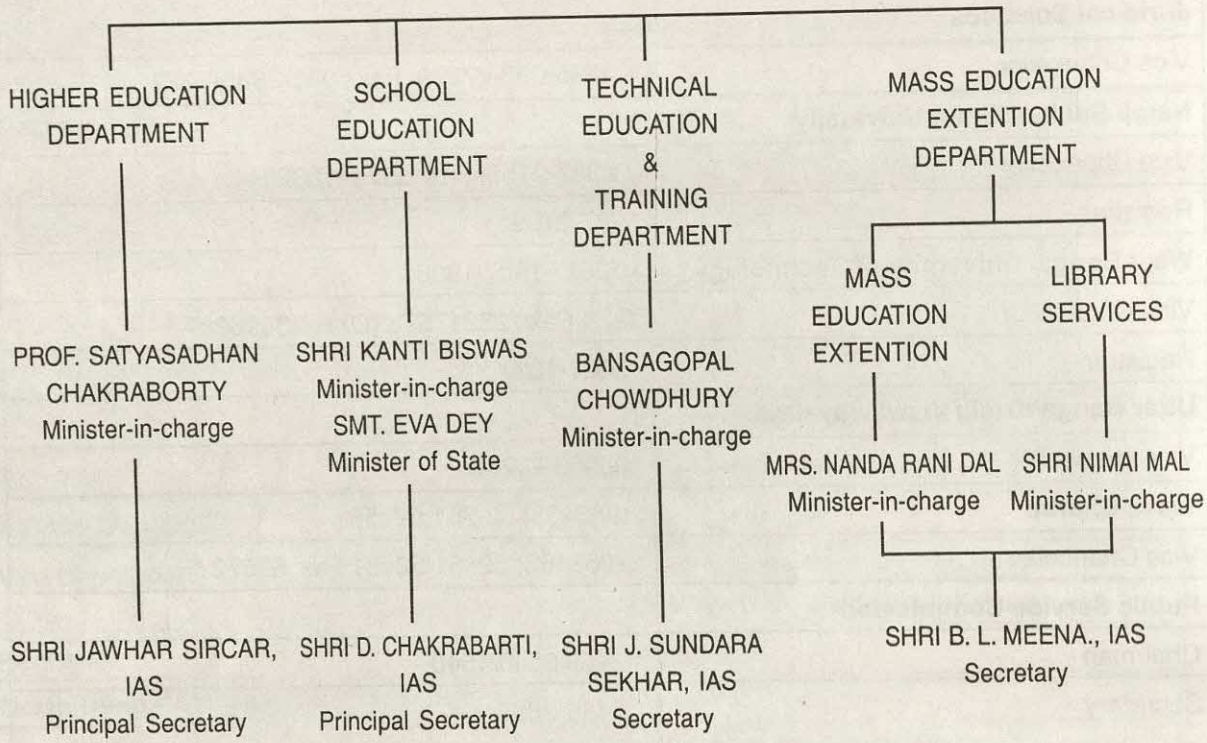
ADMINISTRATIVE SET UP

Rabindra Bharati University (B. T. ROAD CAMPUS)	: PBX-2557-7161/1028/3028/4028 Fax:2556-8079
Jorasanko Campus	: 2239-6601/5241/6610
Vice Chancellor	: 2556-8019/239-1328 Fax : 2556-8079 Qtr : 2557-1028, R-2455-1210
Registrar	: 2556-2543
Burdwan University	: EPABX(0342)-2533-914,2533-917,533-918 Fax (0342) –2530-452 TelCode **Burdsity**
Golap Bag	: EPABX(0342)-556-549,556-566,558-554
Vice chancellor	: (0342) 2532-900 Extn.: 225 R-2532-319 Extn. 223 R-2557-715 (Krishnapur)
Registrar	: (0342) 2533-300/Extn. 211/R-2531144 Extn : 212 .
Kalyani University	: 2582-8750/8286/8478
Vice Chancellor	: 2582-1254/8220/8690 Fax : 2582-8282 Qtr : 2582-8340 R- 2464-0643 (Kolkata)
Registrar	: 2582-8220/2510
North Bengal University	:
Vice Chancellor	: (0353) 2581-255 Fax : 581-546 Qtr : 2581-324 R-2431-8700/2273 (Kolkata)
Registrar	: (0353) 582-099 Fax :581-212 Qtr :581-383
Vidyasagar University	: PBX: 953222 60554
Vice Chancellor	: (953222) 61-009/ Fax : 62329 557-1611 (Kolkata)
Registrar	: (953222) 62-297 R – 62619
Bidhan Chandra Krishi Viswavidyalay (Mohanpur, Nadia)	: Ph. 033-2587-9772,03473-222666
Vice Chancellor	: 2587-9772 Fax : 03473-222275 R – 03473-222444
Registrar	: 2585-8163
University of Animal and Fishery Sciences	
Vice-chancellor	: 2556-3396 Fax : 2557-1986 R.-2558-8748
West Bengal University of Health Sciences	
Vice-chancellor	Ph. : 2321-5388 Fax : 2321-5389
B. E. College (Deemed University)	
Vice Chancellor	: 2668-2674/2916 Fax : 2668-4564/668-2916
Registrar	: 2668-1503

The W. B. National University of Juridical Sciences	
Vice Chancellor	: 2335-0534/7379 Fax : 033-2335-7322
Netaji Subhas Open University	
Vice Chancellor	: 2287-0157 Fax : 2287-1082 R
Registrar	: 287-0159
West Bengal University of Technology	: 2281 –1907/1908
Vice Chancellor	Tel & Fax : 23217578 (O) R-23596287
Registrar	: 2321-1327
Uttar Banga Krishi Viswavidyalaya.	
Vice chancellor	: 03582-70249
Visva Bharati	: (953463) 52-751,52756
Vice Chancellor	: (953463) 52451/52481 Fax: 52672
Public Service Commission	
Chairman	: 2466 0546/1540
Secretary	: 2466-2895
State Minority Commission	
Chairman	: 2439 8877/ Res. 2284 5437
Indira Gandhi National Open University	: 2334-7576
(Regional Office) Bikash Bhaban, Salt Lake	Fax.2334 9850
Director	: 2334-9850/7576
University Grants Commission	: 2335- 4767/335- 47688-0586/4767
Eastern Regional Office	Website : www.ugc.sc.in
Urdu Academy	: 2244-8450

ADMINISTRATIVE SET UP

EDUCATION IN GOVERNMENT OF WEST BENGAL



ADMINISTRATIVE MANAGEMENT

DEPARTMENT OF HIGHER EDUCATION

PRINCIPAL SECRETARY

SPECIAL SECRETARY

JOINT SECRETARIES

DEPUTY SECRETARIES

ASSISTANT SECRETARIES

OFFICER ON SPECIAL DUTY

SECTION OFFICER/HEAD ASSTT.

ASSISTANT

EDUCATION DIRECTORATE

DIRECTOR OF PUBLIC INSTRUCTION (DPI) & EX-OFFICIO SECRETARY

ADDITIONAL DIRECTORS

JOINT DIRECTORS

DEPUTY REGIONAL EDUCATION OFFICERS

ADMINISTRATIVE OFFICER | ACCOUNTS OFFICERS | P.A. TO DPI

HEAD ASSISTANTS

DIRECTORATE OF TECHNICAL EDUCATION

DIRECTOR

ADDITIONAL DIRECTOR

JOINT DIRECTORS

DEPUTY DIRECTORS

ASSISTANT DIRECTORS
ACCOUNTS OFFICER
AUDIT OFFICER
P.A. TO D.T.E.

HEAD ASSISTANTS AND SECTION-IN-CHARGE

WEST BENGAL DISTRICT GAZETTEERS

STATE EDITOR

DEPUTY STATE EDITOR

ASSISTANT EDITORS

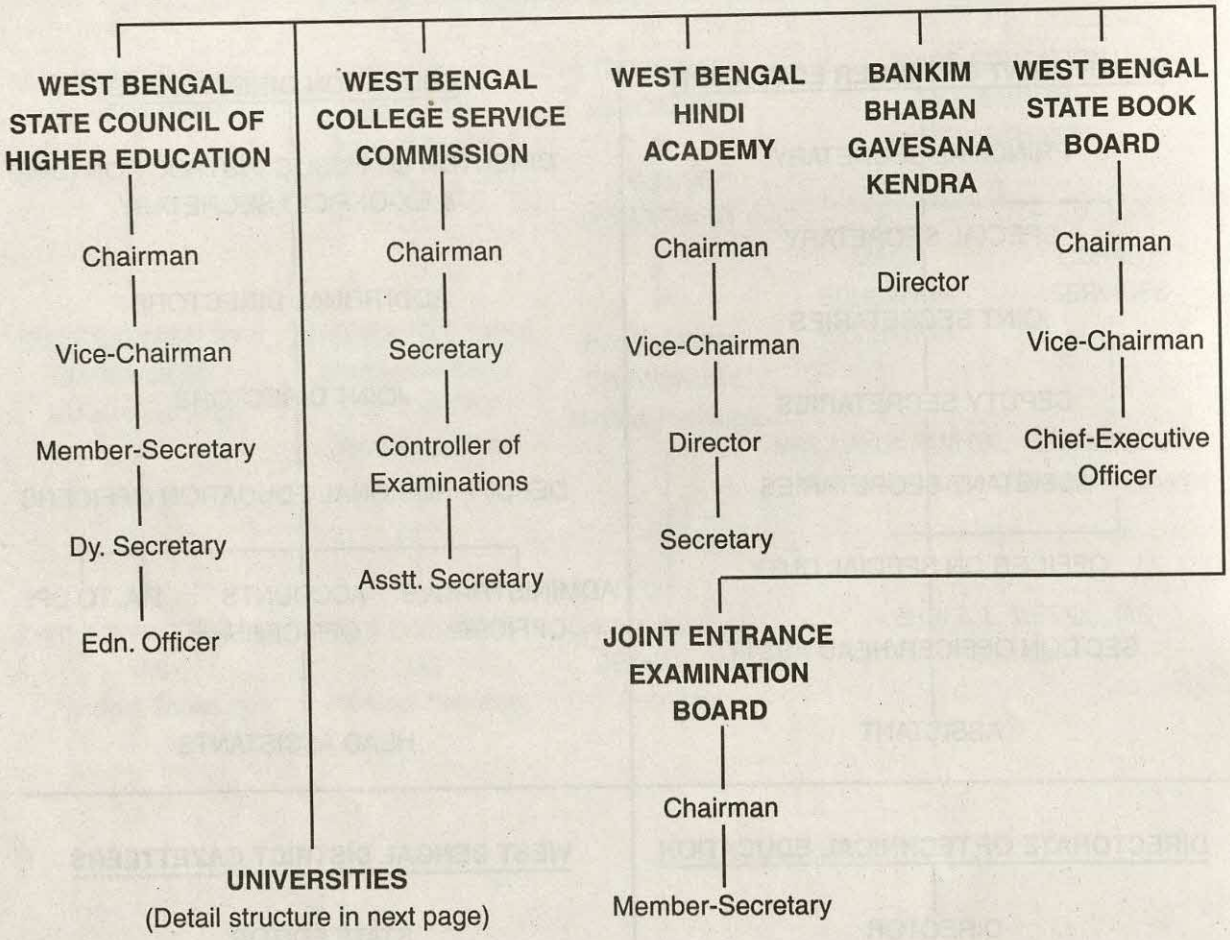
RESEARCH OFFICERS

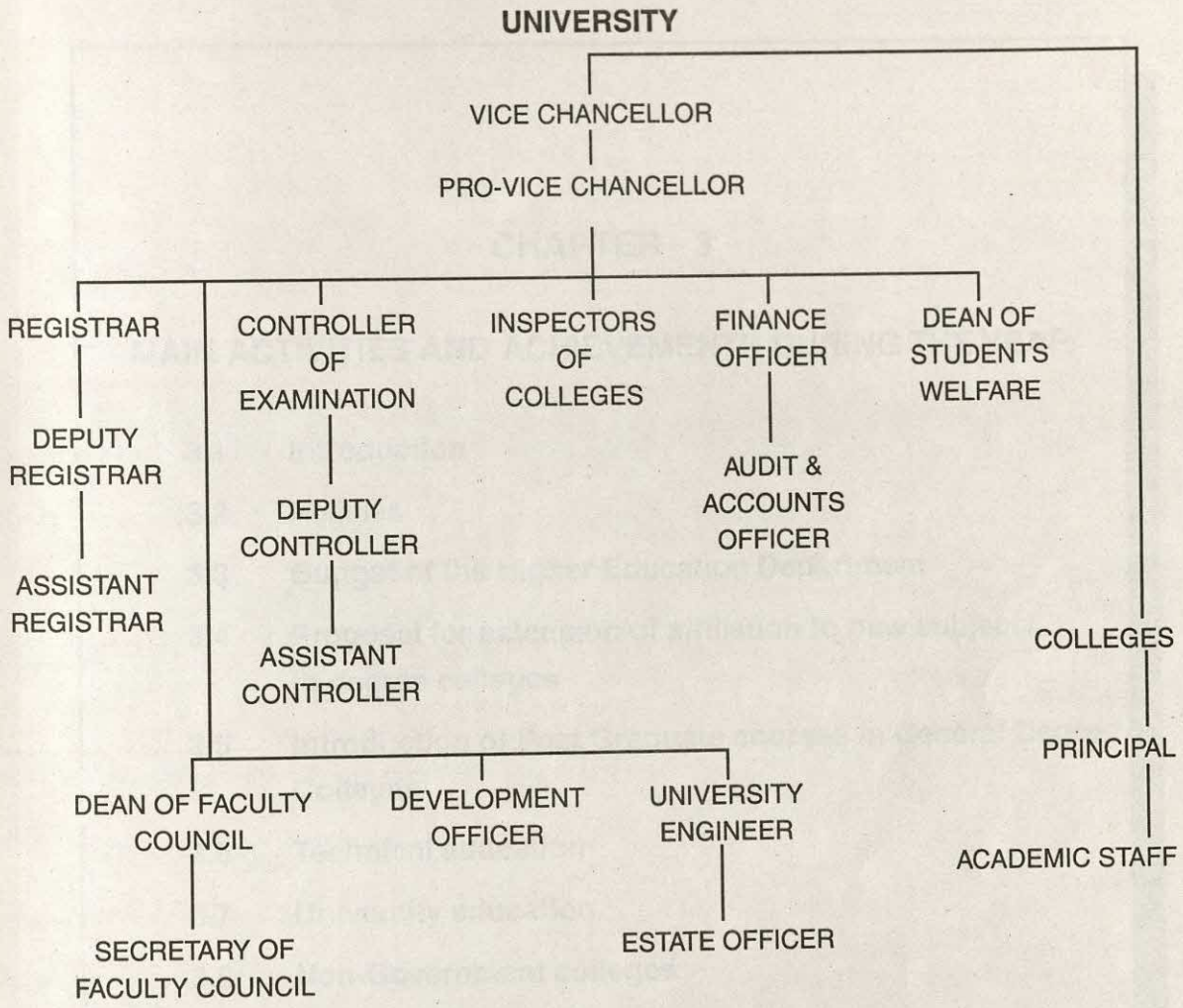
RESEARCH ASSISTANTS | PUBLICATION ASSISTANT | OFFICE SUPERINTENDENT

HEAD CLERK

ADMINISTRATIVE SET UP

ORGANISATIONS ASSOCIATED WITH THE DEPARTMENT OF HIGHER EDUCATION




UNIVERSITY
VICE CHANCELLOR
PRO-VICE CHANCELLOR
REGISTRAR
DEPUTY REGISTRAR
ASSISTANT REGISTRAR
CONTROLLER OF EXAMINATION
DEPUTY CONTROLLER
ASSISTANT CONTROLLER
INSPECTORS OF COLLEGES
FINANCE OFFICER
AUDIT & ACCOUNTS OFFICER
DEAN OF STUDENTS WELFARE
COLLEGES
PRINCIPAL
ACADEMIC STAFF
DEAN OF FACULTY COUNCIL
SECRETARY OF FACULTY COUNCIL
DEVELOPMENT OFFICER
UNIVERSITY ENGINEER
ESTATE OFFICER

CHAPTER - 3

MAIN ACTIVITIES AND ACHIEVEMENTS DURING THE YEAR

3.1 Introduction

3.2 Policies

3.3 Budget of the Higher Education Department

3.4 Proposal for extension of affiliation to new subjects in degree colleges

3.5 Introduction of Post Graduate courses in General Degree Colleges

3.6 Technical education

3.7 University education

3.8 Non-Government colleges

3.9 Government colleges

3.10 Measures for Quality Improvement of Higher Education

3.11 Scholarship and Stipend Section

3.12 Physical Education

CHAPTER - 3

MAIN ACTIVITIES AND ACHIEVEMENTS DURING THE YEAR

3.1 INTRODUCTION

Among the important activities of the year are the setting up of self financing colleges with private initiative and NAAC accredition of a number of colleges. Post graduate courses have been introduced in 3 more non- Government colleges and in one Govt. College (Chandernagar Govt. College). The State Government sanctioned the creation of new departments and the strengthening of certain existing departments in the State-aided universities, either on its own or in conjunction with the UGC. It also approved the construction, repair and renovation of buildings in the universities. The Government, as in previous years, approved the setting up of new non-government colleges and sanctioned the creation of teaching and non-teaching posts for them. It also created posts in other non-government colleges and provided funds for construction of buildings in order to enable them to introduce new subjects or generally improve their functioning. The West Bengal State Council of Higher Education took an active role in coordinating activities of the state universities and advised them on various issues relating to improvement in the quality of Higher Education in the State.

3.2 POLICIES

The following principles have guided the formulation and implementation of different programmes for higher education.

(i) Expansion of access to higher education and decentralisation of power-base.

(ii) Equity in educational opportunity and social justice.

(iii) Consolidation and qualitative improvement of colleges and expanding the base of social relevance of higher education.

(iv) Linkage of education to employment through vocationalization.

(v) Emphasis on engineering and technological education with special reference to Information Technology and Bio-Technology.

(vi) Diversification of subject compositions.

(vii) Emphasis on Basic Science courses and scientific research.

(viii) Emphasis at the same time on arts, culture, languages, physical education and humanistic values.

(ix) Mobilisation of internal resources.

(x) Accountability at all levels.

3.3 BUDGET OF THE HIGHER EDUCATION DEPARTMENT

The total budgetary provision* for the year 2003-2004 was Rs. 6,65,15,05,000, out of which the amount provided in the Plan Budget was Rs. 6,31,12,000.

*Excluding the provision under Central Scheme.

TABLE 1 : BUDGET ESTIMATE (2003-2004) OF THE DEPARTMENT OF HIGHER EDUCATION AT A GLANCE

Budget Heads	Amount Rupees	
	Non-Plan 2003-2004	**State Plan** 2003-2004
Assistance to Universities	2,26,47,41,000	1,11,05,000
Government Colleges and Institutes	54,67,63,000	1,14,68,000
Assistance to Non-Government Colleges	3,22,95,04,000	48,81,000
Institutes of Higher Learning and Other Expenditure	3,67,23,000	72,43,000
Promotion of Modern Indian Languages	21,42,000	20,62,000
Research, Scholarship, etc	6,73,61,000	7,56,000
Technical Education	27,79,31,000	1,88,98,000
Physical Education, &Youth Welfare (excluding N.C.C)	13,41,50,000	15,00,000
Promotion of Art & Culture	2,33,28,000	51,99,000
Surveys & Statistics-Gazetteer & Statistical Memories-3454-02-110-NP-002	57,50,000	–
TOTAL	6,58,83,93,000	6,31,12,000
GRAND TOTAL (Non-Plan + Plan)	6,65,15,05,000	

TABLE 1(A) : STATEMENT OF ANNUAL PLAN ALLOCATION FOR 2002-2003 AND EXPENDITURE INCURRED DURING 2002-2003

Rs. in lakhs

Head of Development	Outlay for 2002-2003	Revised Outlay for 2002-2003	Actual expenditure during 2002-2003 (Departmental)
1. Higher Education Department	-	-	-
2. Social Services Education, Sports and Youth Services, Arts & Culture			
i) General Education	1537.32	1054.06	932.69
ii) Sports & Youth Services	61.50	32.98	27.52
iii) Arts & Culture	213.00	337.25	450.78
iv) Technical Education	774.50	440.92	461.94
Total Higher Education :	**2586.32**	**1865.21**	**1872.93**

TABLE 2 : TOTAL BUDGET ESTIMATE OF THE DEPARTMENT OF HIGHER EDUCATION THROUGH THE YEARS

YEAR	AMOUNT IN RUPEES	AMOUNT IN RUPEES
	NON-PLAN	STATE PLAN
1995-96	293,28,21,000	23,00,00,000
1996-97	325,56,64,000	26,05,00,000
1997-98	363,71,16,000	35,00,00,000
1998-99	377,69,68,000	33,50,00,000 + 5,00,00,000 (loan)
1999-2000	457,79,78,000	33,00,00,000 + 10,00,00,000 (Loan from I.D.F.C.)
2000-2001	502,81,77,000	23,45,50,000 plus 21 crores by way of grant to local bodies Zilla Parishad for higher education
2001-2002	5,79,07,45,000	25,80,00,000 + 23.10 crores by way of grant to local bodies/Zilla Parishad for higher education
2002-2003	6,51,39,60,000	25,86,32,000
2003-2004	6,58,83,93,000	6,31,12,000

TABLE 3 : BUDGETARY POSITION OF HIGHER EDUCATION DEPARTMENT WITH REFERENCE TO THE TOTAL STATE BUDGET AND THE BUDGET FOR EDUCATION SINCE 1995-1996

(Rupees in crores)

YEAR	TOTAL STATE BUDGET	TOTAL B.E.ON EDUCATION	% OF B.E ON EDUCATION WITH RESPECT TO STATE BUDGET	TOTAL B.E. FOR HIGHER EDUCATION	%OF B.E. OF HIGHER EDUCATION WITH REFERENCE TO B.E. ON EDUCATION	REMARKS
1995-96	11000.92	2293.24	20.84%	316.28	13.80%	
1996-97	12814.80	2373.45	18.52%	351.62	14.81%	
1997-98	14916.03	2647.65	17.75%	398.74	15%	
1998-99	16560.44	2926.56	17.67%	416.20	14.22%	
1999-2000	25034.42	5003.64	19.99%	500.80	10.01%	
2000-2001	24481.95	3704.58	15.13%	526.27	14.21%	
2001-2002	29238.96	4339.28	14.84%	604.87	13.94%	
2002-2003	30928.75	4770.31	15.42%	677.26	14.20%	
2003-2004	35344.62	4791.33	13.56%	665.15	13.88%	

PATTERN OF TOTAL BUDGET ESTIMATE FOR EDUCATION AND TOTAL BUDGET ESTIMATE FOR HIGHER EDUCATION

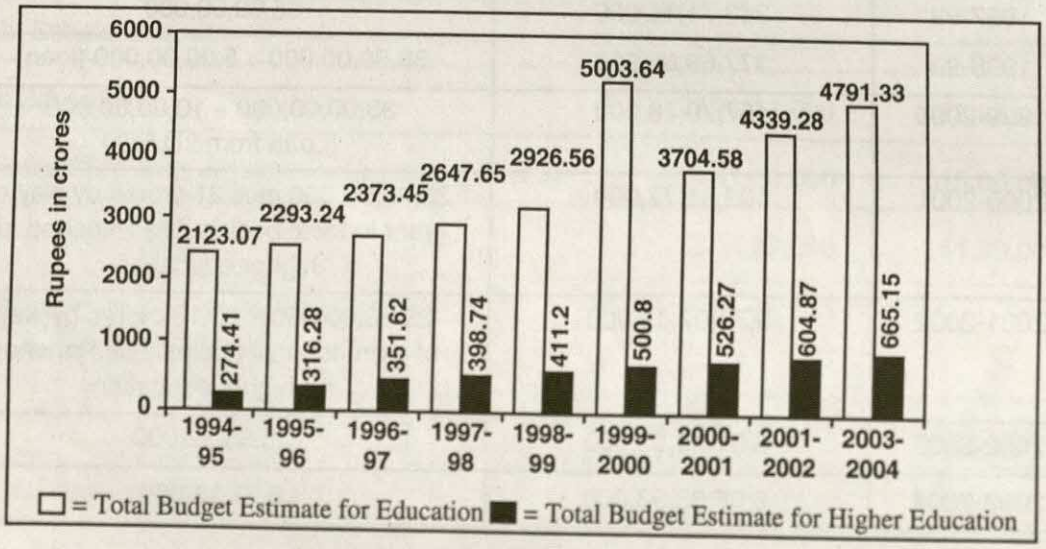


TABLE : 4 : BUDGETARY ALLOCATION FOR EDUCATION WITH REFERENCE TO THE STATE BUDGET AND THE BUDGET FOR HIGHER EDUCATION WITH REF. TO EDUCATION 2003-2004

(Rs in crores)

Items	Total State Budget for West Bengal	Total Budget for Education	% of Budget Provision on Education with reference to State Budget	Total Budget for Higher Education	% of Budget Provision of Higher Education Department with reference to Budget on Education	Remarks
1	2	3	4	5	6	7
Plan Schemes	4234.79	128.06	3.02%	6.31	4.93%	
Non Plan Scheme	31109.83	4663.27	14.99%	658.84	14.13%	
Grand Total	35344.62	4791.33	13.56%	665.15	13.88%	

3.4 PROPOSAL FOR EXTENSION OF AFFILIATION OF NEW SUBJECTS NON-GOVT. GENERAL DEGREE COLLEGES

CALCUTTA UNIVERSITY

Sl. No.	Name of College	Subject Recommended
1.	Asutosh College	Biochemistry (Hons.), Microbiology (Hons.) and Journalism & Mass Communication (Hons)
2.	Ach. J.C. Bose College	Arts stream: English (Hons) Bengali (Hons) Hindi (Hons), Geography, Education, Pol. Science, History (All General).
3.	Bangabasi College	Computer Science (Gen.), and Geography (Gen)
4.	Bangabasi Evening College	B.Com. (Gen.)
5.	Basanti Devi College	Education (Hons.), Sociology (Gen.)

6.	Bonhooghly College of Commerce	Geography (Gen), Economics (Gen.), Mathematics (Hons.&Gen.), Sociology (Gen) and Education (Gen)
7.	Calcutta Girls' College	Bengali (Hons.), Economics (Hons.) Mathematics (Gen.)
8.	Charuchandra Evening College	History (Hons.) and BBA
9.	Deshbandhu College for Girls	Education (Hons.)
10.	East Calcutta Girls' College	Computer Sc. (Gen.) , Botany (Hons.) and BBA
11.	Hiralal Mazumdar Memorial College for Women	Zoology (Hons.), Economics (Hons.)
12.	Gokhale Memorial Girls' College	Electronics (Hons.)
13.	Gurudas College	Computer Science (Hons.) and Microbiology (Hons.)
14.	Jogesh Chandra Chaudhuri College	Electronics (Hons.), Geography (Gen.)
15.	Kidderpore College	Journalism & Mass Communication (Gen.)
16.	Maharaja Manindra Ch. College	Journalism & Mass Communication (Gen.)
17.	Maharaja Sris Ch. College	Economics (Hons.) and Mathematics (Gen.)
18.	Milli Al - Ameen College (for girls)	History (Gen.), Geography (Gen.)
19.	Netajinagar College for Women	Economics (Hons) and History (Hons.)
20.	Netajinagar Day College	Zoology (Hons.)
21.	Savitri Girls' College	English (Hons.)
22.	Scottish Church College	Computer Science (Hons.)
24.	South Calcutta Girls' College	Journalism & Mass Communication (Hons.) and Botany (Hons)
25.	St. Paul's Cath. Mission College	Geography (Gen.), Microbiology (Hons.), Political Science (Hons) and Philosophy (Hons)
26.	Surendranath College	BBA, Microbiology (Gen.)
27.	Syamaprasad College	Electronics (Hons), French (Hons) and Music (Gen)
28.	Vijaygarh Jyotish Ray College	Mathematics (Hons)
29.	Victoria Institution (College)	B.Com (Gen)

30.	Women's College	Economics (Hons.), Education (Hons.), Geography (Gen.) Mathematics (Gen.)
31.	Dinabandhu Andrews College	Philosophy (Hons), Political Science (Hons) & Geography (Gen)
32.	Vivekananda College, Madhyamgram	Education (Hons) and Bengali (Hons.)
33.	Patharpratima Mahavidyalaya	Political Science (Hons), Philosophy (Hons), Economics (Gen) & Mathematics (Gen)
34.	Sammilani Mahavidyalaya	Education (Gen)
35.	Chandraketugarh S.S. Mahavidyalaya	Bengali (Hons) and English (Hons)
36.	Mrinalini Dutta Mahavidyapith	Sociology (Hons), Zoology (Gen) and Journalism (Gen)
37.	Sarsuna College	Education (Hons), Economics (Hons.), BBA and Electronic Media (Gen.)
38.	Harimohan Ghose College	Physiology (Hons) & Education (Gen)
39.	Panihati College	History (Hons), Geography (Gen), Education (Gen) and Computer Science (Gen)
40.	Sovarani Memorial College	Physics (Hons), English (Hons & Gen) Philosophy (Hons) and Elective English
41.	Bongaon Dinabandhu College	Geography (Hons), Chemistry (Hons), Botany (Hons) History (Hons.) & Education (Gen)
42.	Savitri Girls' College	Human Development (Hons)
43.	Shyampur Siddheswari Mahavidyalaya	Zoology (Hons) and Chemistry (Hons.)
44.	Habra Sree Chaitanya College	Geography (Hons)
45.	Dum Dum Motijheel College	Geography (Hons), Journalism & Mass Communications (Hons), Human Development (Hons) and Communicative English (Major)
46.	Budge Budge College	Philosophy (Hons) and Botany (Hons.)
47.	Prafulla Chandra College	English (Hons)
48.	New Alipore College	Education (Gen)
49.	Maheshtala College	Journalism & Mass Communications (Gen), Mathematics (Hons), Economics (Hons), Sanskrit (Hons), Education (Hons)

50.	Derozio Memorial College	Philosophy (Hons)
51.	R.K. Sarada Mission Vivekananda Vidyabhaban	Sociology (Gen)
52.	Maharani Kasiswari College	Food & Nutrition (Gen & Hons)
53.	Barasat College	Geography (Hons), Economics, Physics, Chemistry, Mathematics, Computer Sc. (all Gen.)
54.	Charuchandra College (Day)	Journalism & Mass Communications (Gen) & Statistics (Gen)
55.	Banipur Mahila Mahavidyalaya	Bengali (Hons.) & Political Sc. (Hons.)
56.	Barrackpore Rashtraguru Surendranath College	Electronic Media (in B.Sc.)
57.	Basirhat College	Sociology (Gen.)
58.	Gobardanga Hindu College	Philosophy (Hons.) and Education (Hons).
59.	Nahata Jogendranath Mandal Smriti Mahavidyalaya	English (Hons)
60.	Netaji Satabarsiki Mahavidyalaya	Political Science (Hons.) and Music (Hons.)
61.	P. N. Das College	Hindi (Compulsory) and English (Hons.)
62.	Sarojini Naidu College for Women	Molecular Biology, Anthropology (Gen.)
63.	Bankim Sardar College	Sanskrit (Hons.)
64.	Behala College	Computer Science (Gen.) and Journalism & Mass Communications (Gen.)
65.	Dhrubachand Halder College	Economics (Hons.)
66.	Kishore Bharati Bhagini Nivedita Girls' College	B.Com (Gen.)
67.	Sundarban Mahavidyalaya	Geography (Hons.)
68.	Sushil Kar College	Marketing (Hons.) in B.Com.
69.	Vidyanagar College	Political Science (Hons.)
70.	Vivekananda College	Electronics (Gen), Statistics (Gen) & Computer Science (Gen.)
71.	Vivekananda College for Women	Mathematics (Hons.), Psychology (Gen.)
72.	Azad Hind Fouz Smriti Mahavidyalaya	History (Hons.) & Education (Hons.)

73.	Bagnan College	Philosophy (Hons.) and Physics (Hons.)
74.	Bijoy Krishna Girls' College	Sociology (Gen.)
75.	Dr. Kanailal Bhattacharyya College	English (Hons.)
76.	Prabhu Jagatbandhu College	Political Science (Hons.) and BBA.
77.	Bidhan Ch. College, Rishra	Geography (Gen.)
78.	Vidyasagar Mahavidyalaya, Masat	Bengali (Hons.)

BURDWAN UNIVERSITY

Sl. No.	Name of College	Subject Recommended
1.	Arambag Girls' College	Geography (Gen.)
2.	Balagarh Bijoy Krishna Mahavidyalaya	B.Sc. (Gen.) with Physics, Chemistry, Mathematics (All Gen.)
3.	Hooghly Women's College	Chemistry (Hons.) and Economics (Hons)
4.	Kabi Sukanta Mahavidyalaya	Bengali (Hons.)
5.	Khalisani Mahavidyalaya	Geography (Hons.), Computer Sc. (Gen.)
6.	Rabindra Mahavidyalaya	Statistics (Gen.)
7.	Tarakeswar Degree College	English (Hons.)
8.	Vivekananda Mahavidyalaya, Haripal	Geography (Gen. & Hons.) and Comp. Science (Gen.)
9.	Burdwan Raj College	Hindi (Gen.)
10.	Dr. Bhupendra Nath Datta Smriti Mahavidyalaya	Pol. Science (Hons.)
11.	Dr Gour Mohan Roy College, Manteswar	Bengali (Hons.)
12.	Deshbandhu Mahavidyalaya	Geography (Gen.), Accountancy (Hons.) and Hindi (Hons)
13.	Kandra Radhakanta Kundu Mahavidyalaya	Bengali (Hons.), History (Hons.)
14.	Kulti College	History (Hons.)

15.	Khandra College	History (Hons.)
16.	Mankar College	History (Hons.) and Political Science (Hons)
17.	Raniganj Girls' College	English (Hons.)
18.	Kabi Nazrul College, Muraroi	Bengali (Hons.)
19.	Krishna Chandra College	Accountancy (Hons.) and Philosophy (Hons.)
20.	Rampurhat College	Geography (Gen.)
21.	Bankura Zilla Saradamani Mahila Mahavidyapith	Sanskrit (Hons.)
22.	Chatra Ramai Pandit Mahavidyalaya	Bengali (Hons.), Geography (Hons.)
23.	Khatra Adibasi Mahavidyalaya	Sanskrit (Hons)
24.	Ramananda College	Philosophy (Hons.)
25.	Balarampur College	Philosophy (Hons.)
26.	Kashipur Michael Madhusudan Mahavidyalaya	Sociology (Hons.)
27.	Mahatma Gandhi College	Botany, Zoology, Chemistry (Gen.)
28.	Panchakot Mahavidyalaya	Bengali (Hons.), History (Hons.)
29.	Raghunathpur College	Accountancy (Hons.)
30.	Asansol Girls' College	Computer Science (Gen & Hons)
31.	Saltora Netaji Centenary College	Bengali (Hons)

VIDYASAGAR UNIVERSITY

Sl. No.	Name of College	Subject Recommended
1.	Belda College	Elective English, Botany, Zoology, Computer Science (Gen.)
2.	Garhbeta College	Physiology (Gen.) and Electronics (Gen.)
3.	Hijli College	English (Hons), History (Gen.), Comp.Sc.(Hons).
4.	Khejuri College	History (Gen), Political Science (Gen), Sanskrit (Gen.).

5.	Mugberia Gangadhar Mahavidyalaya	B.P.Ed
6.	Narajole Raj College	Chemistry (Hons.)
7.	Sabang Sajanikanta Mahavidyalaya	Mathematics (Hons.) & English (Hons.).
8.	Seva Bharati Mahavidyalaya	History (Hons.) & English (Hons)
9.	Vivekananda Mission Mahavidyalaya	Comp.Sc. (Hons.) & Geography (Gen.)
10.	Vivekananda Satavarshiki Mahavidyalaya	Mathematics (Hons), Zoology (Gen) & Botany (Gen.)
11.	Yogoda Satsanga Palpara Mahavidyalaya	Sanskrit (Hons.) and Chemistry (Hons.)
12.	Panskura Banamali College	Biotechnology (Hons)
13.	Kharagpur College	Botany (Hons) & Physiology (Gen)

KALYANI UNIVERSITY

Sl. No.	Name of College	Subject Recommended
1.	Chapra Bangaljhi Mahavidyalaya	Bengali (Hons), History (Hons.) & Physical Education (Gen)
2.	Dwijendralal College	Elective Bengali, History (Gen), Pol.Sc.(Gen) and Philosophy (Gen.)
3.	Haringhata Mahavidyalaya	Geography (Hons.) & Statistics (Gen.)
4.	Kalyani Mahavidyalaya	Geography (Gen & Hons), Education (Hons), Computer Science (Hons), Statistics (Gen) & Physical Education (Gen)
5.	Krishnanagar Women's College	English (Hons) Pol.Sc. (Hons) Geography (Hons) History (Hons.) , Botany (Gen) and Zoology (Gen.)
6.	Santipur College	Computer Science (Gen.)
7.	Sudhiranjan Lahiri Mahavidyalaya	English (Hons.), Geography and Physical Education (Gen.)

8.	Jangipur College	English and Botany (Hons.), Geography (Gen.)
9.	Kandi Raj College	Physiology (Hons.) and Electronics (Gen.)
10.	Mursidabad Adarsha Mahavidyalaya	History (Hons.), Philosophy (Hons.)
11.	Raja Birendra Chandra College of Commerce	Education (Gen) & Philosophy (Gen.)

NORTH BENGAL UNIVERSITY

Sl. No.	Name of College	Subject Recommended
1.	Dr. Meghnad Saha College, Itahar	Bengali, Sociology, Geography (All Hons.),
2.	Shree Agrasen Mahavidyalaya	Bengali (Hons.)
3.	Balurghat College	Computer Sc. (Gen.)
4.	Dewan Abdul Gani College, Harirampur	Philosophy (Hons), Political Science (Hons)
5.	Gangarampur College	Mathematics (Hons.) & Geography (Gen.)
6.	Chanchal College	Economics (Hons.) & History (Hons.)
7.	Pakuahat Degree College	B.Com. (Gen.)
8.	South Malda College	Accountancy (Hons.)
9.	Alipurduar College	Computer Science (Gen.)
10.	Ananda Chandra College	Microbiology (Hons), Sanskrit (Hons.) & B.P.Ed
11.	Birpara College	History (Gen.)
12.	Saheed Kshudiram College	Bengali (Hons) & Political Science (Hons.)
13.	Maynaguri College	Bengali (Hons) & B.Com. (Gen.)
14.	Sukanta Mahavidyalaya	Philosophy (Hons.) and Physical Education (Gen.)
15.	Coochbehar College	Economics (Hons.)
16.	Mathabhanga College	Sanskrit (Hons.)

17.	Mekliganj College	Chemistry, Zoology, Botany (Gen.) & History (Hons.)
18.	Netaji Subhas Mahavidyalaya	History (Hons.)
19.	Sitalkuchi College	History (Hons.)
20.	University Evening & B.T. College	Accountancy (Hons.), History (Hons.)& Political Sc. (Hons.)
21.	Kalipada Ghosh Tarai Mahavidyalaya	Bengali (Hons.) English (Hons.) & Geography (Gen.)
22.	Kurseong College	Chemistry (Hons.)
23.	St. Joseph's College	Computer Science (Hons.) and B.C.A
24.	Surya Sen Mahavidyalaya	Political Science (Hons.), English (Hons.)

3.5 POST-GRADUATE COURSES IN GENERAL DEGREE COLLEGES

NAME OF COLLEGES	SUBJECT TAUGHT AT POST-GRADUATE LEVEL
Presidency College, Calcutta	Physics, Chemistry, Geology, Zoology, Physiology, Botany, Geography, Applied Economics, Hindi
Darjeeling Govt. College, Darjeeling	Zoology, Botany, English
Hooghly Mohsin College, Hooghly	Political Science, Physiology, Commerce
Maulana Azad College	Zoology
Govt. College of Art and Craft	Visual Arts
Post Graduate Training College for Physical Education, Banipur	M.P.Ed
Dinabandhu Andrews College	Zoology
Chandernagar College,Hooghly	Geography
Bankura Christian College	English
Durgapur Govt. College	Geology
David Hare Training College	M.Ed.
Krishnanagar Govt. College	Philosophy & Geography

Asansol B.B. College	Physics
J.K.College, Purulia	Mathematics
Krishnanath College, Berhampure, Murshidabad	Scriculture, Physiology
Kanchrapara College, 24 Pgs (N)	Hindi
Asutosh College, Kolkata	Environmental Science
Krishnanath College,	Sanskrit
Malda College	English & History
Balurghat College	Bengali & Commerce
Raiganj College	Bengali
Ananda Chandra College	Bengali

3.6 TECHNICAL EDUCATION

i) Degree level engineering education in West Bengal has taken a giant stride in the recent past. Till 1995-1996, there were only nine institutions and/or university faculties, which were imparting undergraduate engineering education to about 2409 students every year. These students used to be recommended for admission by the West Bengal Board of Examination through a state level Joint Entrance Examination. Usually, for every 25 aspirants for engineering education, only one seat was available. The situation, however, underwent a sea change with the decision of the government to allow setting up of engineering colleges under private management. Total number of Engg. and tech colleges in the state now exceeds 50.

ii) The development of infrastructure and academic environment in these newly set up engineering colleges, however, vary. While a few of them have really come up very fast by investing a lot of money in building up laboratories and other infrastructural facilities, a few are still to catch up.

iii) In four technology colleges of the state, apart from the core subjects, IT and Computer Sc. & Eng. have been introduced.

iv) In order to improve the quality of education imparted in existing Engineering & Technology Colleges of the State a technological university has been set up in 2000.

3.7 UNIVERSITY EDUCATION

The State Government have sanctioned a total sum of Rs.183.98 Lakhs in the Annual Plan to State-aided Universities viz. Calcutta, Jadavpur, Kalyani, Burdwan, North Bengal, Rabindra Bharati, Vidyasagar during the financial year 2003-2004. Out of this amount, a sum of Rs. 99.98 Lakhs is meant for

construction / development of 7 (Seven) State-aided universities and Rs. 84.00 Lakhs for purchase of books & journals in respect of 7 (Seven) State aided Universities. A sum of Rs 39.60 Lakhs has also been sanctioned and released to Netaji Subhas Open University towards maintenance grants. For B.E.College (D.U.) the State Govt. has sanctioned Rs.18.30 Lakhs during 2003-2004 for construction / development of B.E. College (D.U.).

STATEMENT OF ACTUAL EXPENDITURE IN THE UNIVERSITIES (UNDER PLAN SCHEMES) DURING 2002-2003 & 2003-2004

Rs. In lakh

University	Year	Construction	Books and Journals,	Total
Calcutta	2002-2003	35.58	20.00	55.58
	2003-2004	16.43	30.00	46.43
Jadavpur	2002-2003	56.18	16.00	72.18
	2003-2004	2.66	16.00	18.66
Kalyani	2002-2003	40.00	8.00	48.00
	2003-2004	28.00	8.00	36.00
Burdwan	2002-2003	30.82	8.00	38.82
	2003-2004	15.60	10.00	25.60
North Bengal	2002-2003	14.20	6.00	10.20
	2003-2004	31.29	6.00	37.29
Rabindra Bharati	2002-2003	Nil	4.00	4.00
	2003-2004	Nil	4.00	4.00
Vidyasagar	2002-2003	13.75	Nil	13.75
	2003-2004	6.00	10.00	16.00
Total	**2003-2004**	**99.98**	**84.00**	**183.98**

3.8 NON-GOVERNMENT COLLEGES

The State Government assists the non-government colleges to improve their quality of education and infrastructure.

Funds are sanctioned for development programmes such as repair/construction of classrooms, common rooms, toilets, libraries, laboratories, auditoriums, hostels, and boundary walls as well as repair/ installation of electrical works.

1. Some of the colleges which have received assistance for construction of building are Acharya

Prafulla Chandra College of Commerce, North 24-Parganas, Egra Sarada Shashi Bhusan College East Midnapore, Nagar College, Murshidabad, Narajole Raj College, Paschim Medinipur, Tufanganj Mahavidyalaya, Cooch-Behar, Sammilani Mahavidyalaya, South 24-Parganas, Garhbeta College, Paschim Medinipore, Tarakeswar Degree College, Hooghly, Ananda Chandra College, Jalpaiguri, Vivekananda Mahavidyalaya, Hooghly, Sonada Degree College, Darjeeling, Panskura Banamali College, Paschim Medinipore, Samsi College, Malda, Dum Dum Motijheel College, Kolkata, Sarat Centenary College, Hooghly.

2. Funds have been sanctioned for construction of boundary wall of Michael Madhusudan Memorial College, Burdwan, Tarakeswar Degree College, Hooghly.

3. Funds have been sanctioned in favour of Acharya Prafulla Chandra College, New Barrackpore, North 24-Parganas for construction of Auditorium-cum-Gymnasium.

4. The colleges which have received funds for repair work are K.D.College of Commerce, Paschim Medinipore, Vijaygarh Jyotish Roy College, Kolkata, Sitananda College, Paschim Medinipore, P.N.Das College, North 24-Parganas, Mahisadal Raj College, Paschim Medinipore, Sushil Kar College, South 24-Parganas, Yogoda Satsanga Palpara Mahavidyalaya, Paschim Medinipore, Jamini Roy College, Bankura, Belda College, Paschim Medinipore, Prabhat Kumar College, Contai, Purba Medinipore, Balurghat College, Dakshin Dinajpur, Pingla Thana Mahavidyalaya, Paschim Medinipore, R.K.Mission Vidyamandir, Belur, Howrah, Shyamsundar College, Burdwan, M.U.C. Womens' College, Burdwan, Institute of English, Kolkata, Bankura Christina College, Bankura, Raja N.L.Khan Womens' College, Paschim Medinipore, Gurudas College, Kolkata, Nistarini College, Purulia.

WOMEN'S' HOSTEL

5. Mugberia Gangadhar Mahavidyalaya, Purba Medinipur, Mahishadal Girls' College, Purba Medinipur.

6. Funds have been sanctioned in favour of Kalinagar Mahavidyalaya, North 24-Parganas.

7. Development of Colleges for Women – Vivekananda College for Women, Kolkata, Hiralal Mazumdar Memorial College for Women, Kolkata, Nistarini College, Purulia, Berhampore Girls' College, Murshidabad.

3.9 GOVERNMENT COLLEGES

Various programmes have been taken up by the State Government for improvement and strengthening of the Government Colleges. The budgetary provision in 2003-2004 for the development of Government Colleges is presented in the following table.

HEADS	AMOUNT (Rs)	
	OTHER CHARGES	BUILDINGS
	STATE PLAN	STATE PLAN
Development of Presidency College	25,00,000	6,10,000
Development of Darjeeling Govt. College	5,00,000	3,65,000
Development of Hooghly Mohsin College	10,00,000	1,70,000
Development of 12-other Govt. Colleges	78,00,000	19,53,000
Development of newly established Govt. Colleges	25,00,000	19,53,000
Deveolpement of Physical Education Colleges	1,95,000	2,44,000
Development of Govt. B.Ed. Colleges	1,22,000	1,22,000
Govt. College of Art & Craft	3,50,000	2,44,000
Sports & Youth Services for Govt. Colleges	6,95,000	-----

Grants were sanctioned to the Government Colleges for construction/renovation works. Some of them are mentioned here.

Sl. No.	Government College	Construction Work	Amount Sanctioned (Rs)
1.	Presidency College	a) E. I. of Girls' Hostel	1,89,320.00
		b) E. I. works for Computer room	2,76,704.00
		c) Damaged tiles roof by R.C.C. roof of old Baker Lab	1,43,976.00
		Total :	**6,10,000.00**
2.	Darjeeling Govt. College	Extension of Library buildings	3,41,287.00
		Total :	**3,41,287.00**
3.	Hooghly Mohsim College	No fund released	

New Govt.Colleges

1)	Bidhannagar Govt. College	a) Minor rapair	34,728,00
		b) Conversion of vacate space into play ground	2,00,000.00
		c) Maintenance of E. I.	4,52,780.00
		d) Vacate space into play bround	2,34,224.00
		Total :	**9,21,732.00**

2)	Haldia Govt. College	a) S/R to roof treatment	2,00,000.00
		b) Construction for 2nd floor of main building	5,00,000.00
		Total :	**7,00,000.00**
		Total :	**16,21,732.00**

12-Other Govt. Colleges

Sl. No.	Government College	Construction Work	Amount Sanctioned (Rs)
1.	Krishnanagar Govt. College	a) Urgent maintenance of Hindu Hostel	1,00,000.00
		b) Spl. Maintenace work of mail buildung	62,960.00
		c) Spl. Repair of new Chemistry building	37,217.00
		d) Repair and renovation	25,457.00
		Total :	**2,25,634.00**
2.	Chandannagar College	a) G.I.S. Lab E.I. of Geography Deptt.	1,57,243.00
		b) M/s. Grill to window	28,636.00
		Total :	**1,85,879.00**
3.	Durgapur Govt. College	Vertical Extension of Geography Deptt.	10,00,000.00
		Total :	**10,00,000.00**
4.	Taki Govt. College	Construction of Students Canteen	1,00,000.00
		Total :	**1,00,000.00**
5.	Lady Brabourne College	Repair and renovation of Women's Hostel	4,19,414.00
		Total :	**4,19,414.00**

Govt. Physical Education Colleges :

1.	Post Graduate Training College of Physical Education , Banipur	Repair and Renovation of Mliltary billet	52,836.00
		Total :	**52,836.00**

2. Govt. B. Ed. College :		
Govt. College of Education P.G.P.T., Banipur	Annual maintenance of E.I.	25,180.00
Govt. College of Education, Banipur	Repairing and maintenance	96,820.00
	Total :	**1,22,000.00**

Grant were also sanctioned to the Govt. Colleges in the form of Development grant for purchase of books, equipment's, Chemicals, furniture etc. for smooth running of various Departments. Some of these are mentioned here.

Colleges	State plan – other charges Amount (Rs.)
Development of Presidency College	24,96,835.00
Development of Darjeeling Govt. College	4,47,100.00
Development of Hooghly Mohsin College	6,93,520.00
Development of Other Govt. Colleges	78,00,000.00
Development of New Govt. Colleges	22,50,650.00
Development of Sports & Youth Services for 21 Govt. Colleges	3,20,000.00
Development of Govt. Art & Craft College	3,33,100.00

3.10 MEASURES FOR QUALITY IMPROVEMENT OF HIGHER EDUCATION

A) Implementation of the UGC Scheme for revision of pay scale of the University and College Teachers and other academic staff :

It was felt that urgent attention had to be given to the need to improve academic standards in universities and colleges to attract and retain the best talents in the teaching profession. With this end in view, a committee was formed under the chairmanship of Prof. Rastogi to examine as to how and to what extent better scales of pay and service conditions could be allowed to the teachers and to suggest measures for qualitative improvement in the teaching profession. The Government of India accepted the UGC recommendations with certain modifications and recommended a revision of scales of pay of teachers of the universities and colleges. Certain other service benefits including promotion/career advancement at different levels were included in this scheme.

MAIN ACTIVITIES AND ACHIEVEMENTS DURING THE YEAR

The Government of West Bengal accepted the recommendations of the Government of India (except in regard to increase in the age of superannuation) and have implemented the scheme. Suitable guidelines for improvement of the quality of teaching in the universities and colleges have also been formulated under the UGC scheme and extended to those institutions. These are broadly in the field of (i) revised qualifications for recruitment of teachers, (ii) composition of the Selection Committees for such recruitment, (iii) fixing minimum teaching days and work load, (iv) evolving professional ethics, (v) ensuring accountability etc.

The salient features of the scheme as formulated by the Govt. of India/UGC and accepted by the Govt. of West Bengal are indicated below :

(a) **Revised Scales :**

Category of Staff		**Revised Scales.**
(1)	Lecturer	Rs. 8000-275-13500/-
(2)	Lecturer [Sr. Scale]	Rs. 10000-325-15200/-
(3)	Lecturer (Selection Grade/Reader)	Rs. 12000-420-183000/-
(4)	Professor	Rs.16400-450-20900-500-22400/-

(b) Career Advancement/promotion :

(i) From Lecturer to Senior Lecturer after six years of service with relaxation of one year and two years respectively for M.Phil and Ph.D. degree holders.

(ii) Promotion to Reader from Lecturer after five years of service in the Senior Scale. Those who will not be able to get Readership may be allowed the Selection Grade scale of a Lecturer after five years of service in the Senior Scale.

(iii) Promotion of a Reader to the post of Professor after eight years of service as Reader.

The above placement and promotion would be, however, subject to fulfillment of eligibility conditions.

(c) Ad-hoc service for more than one year will be counted for such promotion/career advancement.

(d) Four and two advance increments will be granted to candidates having Ph.D. & M. Phil degree respectively at the time of recruitment.

(e) Existing Lecturers in the Selection Grade or a Reader with five years service in the pre-revised scale of Rs. 3700-5700/- will be fixed at the stage of Rs. 14,900/-

Guidelines for the recruitment of qualified teachers in the universities and colleges have also been formulated under the UGC scheme and these have been extended to the universities and colleges in West Bengal.

Other benefits sanctioned in favour of the teachers:

(a) House Rent Allowance have been sanctioned @ 15% subject to a maximum of Rs. 2000/- p.m. in favour of the university and college teachers.

(b) Enhancement of the benefit of the leave salary up to a maximum of 240 days has been allowed in respect of the university teachers.

(c) Retirement benefits as per the State Govt. scheme have been extended to the university teachers in the following manner :

(i) 50% of the last pay drawn as pension instead of the present 25%;

(ii) Commutation up to 40% of the pension against the existing 33-1/3rd %;

(iii) Raising of value of gratuity from Rs.35,000/- to Rs.1,00,000/- for those retiring in between 01-01-96 to 30-04-99 and Rs.2,50,000/- for those retiring thereafter.

(iv) Contributory Provident Fund has been withdrawn and General Provident Fund has been introduced.

The same benefits have been extended to the officers of the universities.

Improvement of service conditions for the non-teaching employees of the Universities and Colleges :

While the non-teaching employees of the colleges had been allowed the revised scales of pay w.e.f. 01-01-96 and other benefits as have been sanctioned in favour of the State Govt. employees, the non-teaching employees of the universities have been provided with a separate set of revised scales of pay with effect from 01-01-96. The retirement benefits for such categories of employees have, however, been the same as have been introduced in respect of the teachers and the officers of the universities

B) Measures for ensuring accountability at different levels of Higher Education

The policy of the Government to ensure accountability at all levels has also been extended to the different institutions of higher education including universities and colleges. Along with the implementation of the UGC Scheme for Revision of Pay Scales etc. of University and College teachers, measures to

ensure accountability at all levels has been vigorously pursued.

A committee with Dr. R. K. Podder, former Vice-chancellor, Calcutta University and an eminent educationist and administrator was set up vide Notification No.505-Edn (A) Dt.12th Aug.1999 to suggest measures which were required to be taken to ensure accountability of teachers in Government colleges including Government Engineering and Technological Colleges for maintaining high academic standards and certain other allied matters.

3.11 SCHOLARSHIP & STIPEND

In order that no brilliant student is prevented because of poverty from pursuing an academic career, various schemes of National Scholarships for post-matriculation studies were initiated by the Government of India in 1961-62. Since then, these schemes have been continued from year to year.

The Scholarship and Stipend Section of the Education Directorate, Government, of West Bengal looks after the following Scholarship / Stipend Schemes:

1. National Scholarship on the basis of results of Madhyamik Examination of West Bengal Board of Secondary Education and West Bengal Board of Madrasa Education.
2. National Scholarship based on the results of Higher Secondary Examination of West Bengal Council of Higher Secondary Education.
3. National Scholarship on the basis of results of B.A/B.Sc. /B.Com (Honours) Examinations of various Universities in West Bengal.
4. National Scholarship for Teachers' Children.

Scholarship is awarded for Post-Matriculation studies in Hindi with a view to encouraging the study of Hindi in Non-Hindi speaking states and making available to Governments of these states, suitable personnel to man teaching and other posts where knowledge of Hindi is essential. In 2001-2002, about 240 students will get Hindi scholarship.

National Scholarships and Hindi Scholarship Schemes are funded by the Central Government. At present the total number of N.S. quota for the State of West Bengal is 3176 (out of total of 38,000 all over the country),who actually get scholarship money.

The D.P.I. Special Stipend on the basis of the results of Madhyamik Pariksha and B.A./ B.Sc./B.Com. examinations are offered and funded by Government of West Bengal (for those who do not get N.S.). We are trying to include this stipend at Higher Secondary level also, so that this scheme becomes parallel to National Scholarship scheme.

A number of scholarships out of the Nizamat Stipend and the Mohsin Trust Funds are also released by West Bengal Government for meritorious Muslim Students only.

The total number of National Scholarships released exceeded 1710 in 2003-2004. Merit certificates were issued to H.S. students - 625, M.P. students - 1,822 and Misc. - 424 in 2003-2004. About 332 students received the D. P. I. Special Stipend and stipends from the Nizamat and the Mohsin Trust Fund were issued to 218 and 161 students. Rate of Mohsin Trust Fund stipend has been made at par with D.P.I. Special Stipend.

In spite of earnest efforts by all staff members of Scholarship section (Education Directorate) the actual disbursement of the Scholarship / Stipend to scholars is inordinately delayed due to multiple reasons beyond the control of the Directorate (e.g. incomplete or inaccurate or non- availability of data from scholars and respective school/college/university authorities, late release of funds from the Central Government, postal delay etc.) We have moved the Central Govt. to increase the income limit of parents so that more students get the actual National Scholarship amount and the term National Merit Scholarship becomes meaningful, otherwise the total quota of 3176 cannot be properly utilised.

3.12 PHYSICAL EDUCATION

The 6th Inter Govt. College Table Tennis Tournament, the 15th Inter-Government College Athletic Meet, the 13th Inter-Government College Football Championship and 1st Inter Govt. College Badminton Tournament were held in the financial year 2003-2004.

The 5th Non-Govt. College Athletic Meet and Football Championship were held at Yuba Bharati Krirangan.The Tournament were held at the District level of all the eighteen District prior to the State Meet. Grant were sanctioned to the host colleges for successful competition of the Tournament.

15th Inter Physical Education Institutes Cultural and Athletic Meet, held at Jadavpur University during the current financial year.

CHAPTER - 4

ENGINEERING & TECHNOLOGY AND MANAGEMENT EDUCATION

4.1 Engineering and Technology Colleges

4.2 Management Institutes

CHAPTER - 4

ENGINEERING & TECHNOLOGY AND MANAGEMENT EDUCATION

4.1 ENGINEERING AND TECHNOLOGY EDUCATION

Over the last few years, there has been vast expansion in the Engineering and Technological Education in this state, both in qualitative and quantitative terms. Till 1995-96, there were only 11 Engineering & Technological Institutions including 3 University Deptts. with an intake capacity of 2409. Current phase of expansion started with the establishment of Engineering & Technological Institutions under private initiative on self-financing basis. The Haldia Institute of Technology (1996) was the first such initiative. Presently, there are 52 Engineering and Technological Institutions including Hotel Management with a total intake capacity of 12816. Apart from the conventional disciplines like Civil Engg., Elec.Engg., Mech.Engg., etc., most of the Institutions offer engineering education in the disciplines of emerging areas like Information Technology, Computer Science & Engineering, Electronic & Communication Engineering, Bio-technology., Bio-medical Engineering, Environmental Science & Engg etc. Scope for post-graduate programmes in Engg. & Technology has also been expanded in this State.

B.E./B.Tech courses on Computer Science & Engineering and Electronics & Communication Engineering have been introduced in Jalpaiguri Government Engineering College, Jalpaiguri since the year of 2000-2001. In the same academic year of 2000-2001, the B.E./B.Tech. course on Information Technology has also been introduced in the Kalyani Govt. Engineering College, Kalyani; College of Textile Technology, Serampore; College of Leather Technology, Kolkata and College of Ceramic Technology, Kolkata. The B.E./B.Tech. course on Computer Science & Engineering has also been introduced in all the four Technology Colleges of the State in the academic session of 2001-2002. The B.E./B.Tech. course in Information Technology has also been introduced in the Jalpaiguri Government Engineering College, in the academic session of 2001-02.

During the year 2003-04 the following seven new colleges were established :

Sl.No.	Name of the Institution	Intake Capacit
1.	Gurunanak Institute of Technology, Nilganj Road (Kolkata)	240
2.	Calcutta Institute of Engineering & Management, Tollygunj ITI (Kolkata)	240
3.	Aryabhatta Institute of Engineering & Management, Panagarh ,Durgapur	240
4.	Sarojmohan Institute of Technology, Guptipara (Hooghly)	240
5.	IMPS College of Engineering & Technology, Nityanandapur (Malda)	240
6.	Academy of Technology, AEDCO Nagar (Hooghly)	240
7.	Bengal Institute of Technology & Management, Shriniketan, Bolpur (Birbhum)	240

With the establishment of these institutions and due to introduction of new degree courses in the existing Institutions in Information Technology, Computer Science & Engineering and the related areas, the intake capacity in degree level Engineering and Technology courses in the post-Higher Secondary level has gone up to a little over 12000. With the post B.Sc. level B.Tech. courses of Calcutta University and the Jadavpur University and the post diploma level BE courses in Jadavpur University, the figure is slightly over 12800.

Information and Communication Technology related courses :

It may be emphasized that due to increasing demand of technical manpower in the field of information technology and related areas, most of the newly established institutions have introduced degree courses in Information Technology, Computer Science & Engineering and Electronics & Communication Engineering. Thus out of twelve thousand odd seats available in the Post Higher Secondary level, I.T., Computer Science & Engineering, Electronics & Communication Engineering and other similar courses account for 9580 seats.

Biotechnology courses : Biotechnology has emerged as a potential area of technological education in the State. So far, B. Tech. course in Biotechnology has been introduced in five engineering colleges.

Introduction of Master of Computer Application (M.C.A.) Course :

The expansion of engineering and technology education in the State has been further facilitated by the introduction of M.C.A. course in as many as 20 (twenty) Institutions including the universities like the North Bengal University and the Vidyasagar University. The total intake capacity for the Master of Computer Application (M.C.A.) Course in the State of West Bengal is at present 1070 (2003-04).

The West Bengal University of Technology :

The West Bengal University of Technology, established in 2000-2001, started functioning in full swing from the academic session of 2001-2002. Besides affiliating the existing engineering and technology institutions, both in the Govt. as well as in private sector, it has also granted affiliation to different institutions conducting B.B.A., B.C.A. and certain other courses.

The IIIT-C has been amalgamated with the West Bengal University of Technology as the University Department of Information Technology. The students already on the roles of the Institute have come under the academic and administrative control of the University and shall be awarded BE degree in Information Technology of West Bengal University of Technology on successful completion of the course.

The University on its own, started its first 2-year M. Tech. Course in Biotechnology at the University premises from January 2003. The University has been accorded a support grant from the Department of Bio-technology, Government of India, for running the course. Close on the heads of this, a second M. Tech. Programme in Software Engineering in the same premises is to start from July, 2004. in order to meet the demand of teachers for Computer Science and IT in general degree colleges. The University has been also planning to open another new M. Tech. Course in the emerging areas of Nano-materials and Microelectronics from the academic session 2004-2005.

Introduction of Lateral Entry Scheme :

In tune with the scheme of the All India Council for Technical Education, the State Govt. has extended the scope of degree level engineering education to the diploma holders in engineering in the State through the Lateral Entry Scheme. Under this scheme, diploma holders from the State Polytechnics have got the opportunity to seek direct entry in the second year level of an undergraduate engineering courses after qualifying in a state level admission test conducted for the purpose.

National Board of Accreditation (NBA) :

The State Govt. has taken the initiative to direct all govt. and private engineering colleges of the State to accreditate themselves by the National Board of Accreditation (NBA) as and when they qualify to apply for the same. A few private colleges have already undergone the process. All the govt. engineering and technology colleges of the State have taken the initiative to complete the accreditation process by July, 2004.

Technical Education Quality Improvement Programme (TEQIP) :

This programme, initiated by the Govt. of India in close collaboration with the State Government, revolves around a loan agreement by the World Bank under which a few select institutions across the country will get substantial financial assistance for upgrading quality of technical education in the 10th plan period. In West Bengal, three lead institutions namely Jadavpur University, B.E. College (D.U.) and Calcutta University are expected to receive a grant of Rs.50 crore each during the period while eight network institutions, which shall work in consonance with the lead institutions, shall receive a grant of around Rs.10 crore each in the same period. The eight selected network institutions are Jalpaiguri Govt. Engineering College, Kalyani Govt. Engineering College, College of Textile Technology at Serampore, College of Ceramic Technology, Institute of Engineering & Management, Haldia Institute of Technology, Netaji Subhas Engineering College and Asansol Engineering College. This apart, the erstwhile Regional Engineering College, Durgapur, which has already been elevated to the status of a National Institute of Technology, has also been chosen as a Lead Institution and will receive the same amount of Rs.50 crore. This scheme is expected to bring in a sea change in the quality of technical education available in the State in the coming years.

BUDGET ALLOCATION DURING 2002-2003 FOR GOVT. ENGINEERING & TECHNOLOGY COLLEGES

SL. No.	Name of the College	Budget provision under '2203' (in Rs.)	Budget provision under '4202'(in Rs.)
1.	Jalpaiguri Govt. Engg. College, Jalpaiguri	75,00,000	60,00,000
2.	Kalyani Engg. College, Kalyani	70,00,000	95,00,000
3.	College of Textile Technology, Berhampore	16,00,000	15,00,000
4.	College of Textile Technology, Serampore	16,00,000	12,00,000
5.	College of Ceramic Technology, Kolkata	12,00,000	5,00,000
6.	College of Leather Technology, Kolkata	28,00,000	15,00,000
7.	Non-Government Engineering Colleges	60,00,000	–
8	R.E. College, Durgapur	2,00,000	–

BUDGET ALLOCATION AND FUND SANCTIONED UNDER THE HEAD OF ACCOUNT "2203 TECH.EDN. AND "4202-" OF ENGINEERING & TECHNOLOGY COLLEGE DURING THE YEAR 2002-2003 (STATE PLAN)

Sl. No.	Name of the College	Major Head "2203-Tech.Edn."		Major Head "4202-"	
		Budget Provision (Rs.)	Amount sanctioned (Rs.)	Budget Provision (Rs.)	Amount Sanctioned (Rs.)
1.	Jalpaiguri Govt. Engg.College, Jalpaiguri.	18,30,000	29,29,000	14,65,000	–
2.	Kalyani Govt. Engg.. College, Nadia	17,10,000	34,37,000	23,20,000	22,00,000
3.	College of Textile Technology, Serampore	3,90,000	9,89,000	2,93,000	2,93,000

Sl. No.	Name of the College	Major Head "2203-Tech.Edn."		Major Head "4202-"	
		Budget Provision (Rs.)	Amount sanctioned (Rs.)	Budget Provision (Rs.)	Amount Sanctioned (Rs.)
4.	College of Textile Technology, Berhampore	3,90,000	11,90,000	3,66,000	3,66,000
5.	College of Ceramic Technology, Kolkata	2,90,000	9,90,000	1,22,000	1,22,000
6.	College of Leather Technology, Kolkata	6,85,000	9,56,000	3,66,000	3,66,000
7.	R.E.College, Durgapur	0,50,000	-	-	-
8.	Non-Govt. Engg. College	14,65,000	22,07,000	-	-

EXISTING FACILITIES IN ENGINEERING & TECHNOLOGY COLLEGES :

B.E./B.Tech./B.Pharm and B.HM courses at post-H.S. Level are available in 50 Engineering and Technology Institutes of the State. These includes the five university departments, eight Govt. Engineering & Technology colleges including the Institute of Jute Technology under the Ministry of Textile, Govt. of India, R.E. College, Durgapur, two Pharmacy Institute and rests private engineering colleges.

The post-B.Sc. level B.Tech. Courses are available at the Faculty of Engineering & Technology, Jadavpur University and the University College of Science and Technology, Calcutta University. Jadavpur University also conducts B.E. course for the diploma holder engineering students.

4.1.1 LIST OF A.I.C.T.E. APPROVED ENGINEERING & TECHNOLOGY DEGREE COLLEGES AND UNIVERSITY ENGINEERING FACULTIES/ DEPARTMENTS OFFERING ENGINEERING AND TECHNOLOGY COURSES IN DIFFERENT DISCIPLINES ALONGWITH INTAKE CAPACITY AT B.E./B. TECH LEVEL.

B.E/B.Tech (Post Higher Secondary)	Upto 94-95	95-96	96-97	97-98	98-99	99-2000	2000-2001	2001-2002	2002-2003	2003-2004	Total
1. Bengal Engineering College, (Deemed University), P .O.- Botanic Garden, Howrah-711103, Ph: (033)2668-4561/ 62/ 63 Fax : (033)2668-2916/ 4564 (Year of Establishment - 1856), (D.U since 1992)											
Architecture	22								2		24
Civil Engineering	90										90
Computer Science & Technology	25								-5	40	60
Electrical Engineering	65								-5		60
Electronics & Tele-Communication Engineering	35								-5	30	60
Information Technology							60				60
Mechanical Engineering	65								-5		60
Metallurgical Engineering	35								-5		30
Mining Engineering	30										30
Institution Total (Yearwise)	***367***						***60***		***-23***	***70***	***474***
2. Faculty of Engineering & Technology, Jadavpur University, Jadavpur, Kolkata-700032 (State Aided University) Ph : (033) 2473-4044 / 4495; Fax No. : (033) 2473-5508/ 2413-7121 (Year of Establishment-1955)											
Architecture	20					10					30
Chemical Engineering	60					10					70
Civil Engineering	90					10					100
Computer Science & Engineering	40					20					60

	Upto 94-95	95-96	96-97	97-98	98-99	99-2000	2000-2001	2001-2002	2002-2003	2003-2004	Total
Construction Engineering	30					10					40
Electrical Engineering	90					10					100
Electronics & Instrumentation Engineering	20										20
Electronics & Tele-Communication Engineering	50					10					60
Information Technology							40				40
Instrumentation Engineering	20					20					40
Mechanical Engineering	90					10					100
Metallurgical Engineering	20					10					30
Pharmacy	60					10					70
Power Plant Engineering	30					10					40
Printing Engineering	20										20
Production Engineering	30					10					40
Institution Total (Yearwise)	***670***					***150***	***40***				***860***
3. College of Leather Technology, New Campus:L.B-Block, Sector-III, Salt Lake , Kolkata-700091 (A State Govt. Institute) Ph. (033) 2350-1264/7311 Established as an Institute in 1919. B.Sc(Tech) Degree introduced in 1955											
Computer Science & Engineering							40				40
Information Technology						40					40
Leather & Footwear Technology	30										30
Institution Total (Yearwise)	30					40	40				110
4. College of Textile Technology, Serampore, Dist. Hooghly Pin-712201 (A State Govt. Institute) Ph: (033) 26623156/ 1058 Established as an Institute in 1908. B.Sc(Tech) degree introduced in 1957 and											

	Upto 94-95	95-96	96-97	97-98	98-99	99-2000	2000-2001	2001-2002	2002-2003	2003-2004	Total
B.Tech in 1998											
Computer Science & Engineering								40	-10		30
Information Technology							40		-10		30
Textile Technology	30										30
Institution Total (Yearwise)	30						40	40	-20		90
5. College of Textile Technology, Berhampore, Dist. Murshidabad, Pin-742101(A State Govt. Institute) Ph: (03482) 250142 Established as an Institute in 1927. B.Sc(Tech) degree introduced in 1958 and B.Tech in 1998)											
Computer Science & Engineering								40			40
Textile Technology	30										30
Institution Total (Yearwise)	30							40			70
6. Regional Engineering College, Durgapur, Mahatma Gandhi Avenue, Durgapur-713209 (Joint venture of Central and State Govt.) Ph. : (0343)2546397/ 2546406/ 2546594/ 2546390 Fax : (0343)-2546753/2547375 (Year of Establishment-1960)											
Chemical Engineering	30										30
Civil Engineering	30										30
Computer Science & Engineering	30						30				60
Electrical Engineering	60										60
Electronics & Tele-Communication Engineering	30						30				60
Information Technology							60				60
Mechanical Engineering	90										90
Metallurgical Engineering	40										40
Institution Total (Yearwise)	***310***						***120***				***430***

	Upto 94-95	95-96	96-97	97-98	98-99	99-2000	2000-2001	2001-2002	2002-2003	2003-2004	Total
7. Jalpaiguri Govt. Engg. College, Jalpaiguri, Pin- 735102 (A State Govt. Institute) Phone -(03561) 255130 Fax : (03561)255131 (Year of Establishment-1961)											
Civil Engineering	45					15					60
Computer Science & Engineering							40				40
Electrical Engineering	45				15						60
Electronics & Communication Engineering							40				40
Information Technology								40			40
Mechanical Engineering	60										60
Institution Total (Yearwise)	***150***				***15***	***15***	***80***	***40***			***300***
8. College of Ceramic Technology, 73,A.C Banerjee Rd. Calcutta-700010 (A State Govt. Institution) Ph: (033)23501264/7311 (A Govt. Institute) Established as an Institute in 1941. B.Sc (Tech) degree introduced in 1962 and B.Tech in 2000											
Ceramic Technology	40										40
Computer Science & Engineering								40			40
Information Technology							40				40
Institution Total (Yearwise)	40						40	40			120
9. Kalyani Government Engineering College,Kalyani, Nadia Pin-741235 (A State Govt. Institute) Ph: (033)2582-6680/1309 Fax : (033) 25821309 (Year of Establishment-1995)											
Computer Science & Technology		30	10		20						60

	Upto 94-95	95-96	96-97	97-98	98-99	99-2000	2000-2001	2001-2002	2002-2003	2003-2004	Total
Electronics & Communication Engineering		30			30						60
Information Technology							40				40
Mechanical Engineering		30	10		20						60
Institution Total (Yearwise)		***90***	***20***		***70***		***40***				***220***
10. Haldia Institute of Technology, ICARE Complex, HIT Campus, P.O.: Hatiberia, Haldia, Dist.: Purba Midnapore, Pin.-721657 (Private Institute) Ph: (03224) 52800 Fax : (03224) 52900 (Year of Establishment-1996)											
Bio-Technology.								40			40
Chemical Engineering			30		30						60
Computer Science & Engineering			30	30							60
Electrical Engineering									40		40
Electronics & Communication Engineering				30			30				60
Information Technology							40				40
Instrumentation Engineering			30		30						60
Mechanical Engineering				40							40
Production Engineering								40			40
Institution Total (Yearwise)			***90***	***100***	***60***		***70***	***80***	***40***		***440***
11.Institute of Engineering & Management, Salt Lake, Y-12 Sector - V, Electronics Complex, Kolkata-91 (Private Institute) Ph: (033) 2357-2059 Fax : (033) 2357-8302 (Year of Establishment-1997)											
Computer Science & Engineering							90				90
Electronics & Tele-Communication Engineering				60							60

	Upto 94-95	95-96	96-97	97-98	98-99	99-2000	2000-2001	2001-2002	2002-2003	2003-2004	Total
Information & Multimedia Technology						60					60
Institution Total (Yearwise)				***60***		***60***	***90***				***210***
12.Bankura Unnyani Institute of Engineering, P.O.-Bhagabandh, P.S. & Dist. – Bankura, Pin-722146 (Private Institute) Ph : (03242) 255855/ 255955 Fax : +91-3242-255955 (Year of Establishment-1998)											
Computer Science & Engineering				60							60
Electronics & Communication Engineering				60							60
Electronics & Instrumentation Engineering				60							60
Information Technology							40		20		60
Institution Total (Yearwise)				***180***			***40***		***20***		***240***
13.Murshidabad College of Engineering & Technology, P.O Berhampur, P.S Balrampur, Dist Murshidabad. (Private Institute) Ph: (03482) 251191/ 251196/251136 (Year of Establish-ment- 1998)											
Computer Science & Technology					40	20					60
Electronics & Communication Engineering					40		20				60
Electronics & Instrumentation Engineering					40				20		60
Information Technology							30	10	20		60
Institution Total (Yearwise)					***120***	***20***	***50***	***10***	***40***		***240***
14.College of Engineering & Management, Kolaghat KTPP Township P.S Mecheda, Dist.: Purba Midnapur,											

	Upto 94-95	95-96	96-97	97-98	98-99	99-2000	2000-2001	2001-2002	2002-2003	2003-2004	Total
Pin: 721171(Private Institute) Ph: (03228) 250971/249443 Fax : 03228-250880 (Year of Establishment-1998)											
Computer Science & Engineering					40	20					60
Electrical Engineering					40				20		60
Electronics & Instrumentation Engineering					40	20					60
Information Technology					40				20		60
Electronics & Communication Engineering										60	60
Institution Total (Yearwise)					***160***	***40***			***40***	***60***	***300***
15.Asansol Engineering College, Sen Releigh Road, Kanyapur, Asansol-713304 (Private Institute) Ph. : (0341)251426/ 252108 Fax: (0341) 2253056/2254248 (Year of Establishment-1998)											
Computer Science & Engineering					60			30			90
Electrical Engineering					60				30		90
Electronics & Communication Engineering					60				30		90
Information Technology					60			30		-30	60
Instrumentation Engineering									40	20	60
Mechanical Engineering										30	30
Institution Total (Yearwise)					***240***			***60***	***100***	***20***	***420***
16.Netaji Subhas Engineering College, Techno City, Panchpota Police Para, P.O Panchpota, Dist.24 Parganas (S) : Ph: (033)2436/3333/1285 Fax: (033)2436-1286											

	Upto 94-95	95-96	96-97	97-98	98-99	99-2000	2000-2001	2001-2002	2002-2003	2003-2004	Total
(Private Institute) ***(Year of Establishment-1998)***											
Bio Medical Engineering										30	30
Computer Science & Engineering					40		20	30			90
Electrical Engineering					60						60
Electronics & Communication Engineering					40		20	30			90
Information Technology					40		20	30			90
Institution Total (Yearwise)					***180***		***60***	***90***		***30***	***360***
17.University Science Instrumentation Centre, Kalyani University ,Kalyani, Nadia, Pin- 741235, (Govt. aided Institute) Ph: (033) 2582-6680/ 1039 Fax : (033) 2582-6680 (Year of Establishment-1999)											
Electronics & Instrumentation Engineering						40					40
Information Technology						40					40
Institution Total (Yearwise)						80					80
18.B.P Poddar Institute of Management & Technology, 137, V.I.P. Road (Mondal Ghanti) Kolkata –700052 (Private Institute) Ph: (033) 25739607/9608/ 9609/ 9610 Fax : 033-2573-9401 (Year of Establishment-1999)											
Computer Science & Engineering						60					60
Electrical Engineering						60		-30		30	60
Electronics & Communication Engineering						60					60
Information Technology						60					60
Institution Total (Yearwise)						***240***		***-30***		***30***	***240***

	Upto 94-95	95-96	96-97	97-98	98-99	99-2000	2000-2001	2001-2002	2002-2003	2003-2004	Total
19.MCKV Institute of Engineering, 243, G.T. Road (North) , Liluah , H owrah-711204 (Private Institute) Ph: (033) 26549315/ 16/17/18 Fax : 2242-5487 (Year of Establishment-1999)											
Automobile Engineering										60	60
Computer Science & Engineering						60		30	-30		60
Electronics & Communication Engineering						60		30	-30		60
Information Technology						60		30	-30		60
Institution Total (Yearwise)						***180***		***90***	***-90***	***60***	***240***
20.RCC Institute of Information Technology.College of Leather Technology , (Old Campus), Canal South Road, Beleghata, Kolkata- 700015 (A Govt. aided Institute) Ph: (033) 2216-1463/1400 Fax: (033) 2323-8003 (Year of Establishment - 1999)											
Computer Science & Engineering						60					60
Information Technology						60					60
Institution Total (Yearwise)						***120***					***120***
21.Birbhum Institute of Engineering & Technology, , P.O. –Suri, Dist—Birbhum, Pin—731101 (A Private Institute) Ph: (03462) 256839 Fax: (03462) 256839 (Year of Establishment-1999)											
Computer Science & Engineering						60					60
Electrical Engineering						60					60
Electronics & Communication Engineering						60					60

	Upto 94-95	95-96	96-97	97-98	98-99	99-2000	2000-2001	2001-2002	2002-2003	2003-2004	Total
Information Technology								40			40
Mechanical Engineering						60					60
Institution Total (Yearwise)						***240***		***40***			***280***
22.Siliguri Institute of Technology, Techno Campus, Salbari, Hill Cart Road, Pin: 734225 Siliguri, Darjeeling, (A Private Institute) Ph: (0353) 2574074, 2574075 Fax : 0353-2574076 (Year of Establishment-1999)											
Bio Technology										30	30
Computer Science & Engineering						60			30		90
Electrical Engineering						60					60
Electronics & Communication Engineering						60					60
Information Technology						60					60
Instrumentation Engineering						60					60
Institution Total (Yearwise)						***300***			***30***	***30***	***360***
23.Institute of Jute Technology,35,Ballygunge Circular Road,Kolkata-700019 (a Central Govt Aided Institution under Ministry of Textile, Govt. of India) Ph: (033) 2475-1985/2476-1166 Fax : 033-2475-0996 Established as an Institute in 1951. B.Tech Degree introduced in 1999											
Jute & Fibre Technology	30										30
Institution Total (Yearwise)	***30***										***30***
24.Dr. B.C.Roy Engineering College, Durgapur, Jemua Road, Fuljhore, Durgapur-713206											

	Upto 94-95	95-96	96-97	97-98	98-99	99-2000	2000-2001	2001-2002	2002-2003	2003-2004	Total
(Private Institute) Ph. (0343) 2502449 Fax : 0343-2545718 (Year of Establishment-2000)											
Mechanical Engineering										30	30
Computer Science & Engineering							60				60
Electrical Engineering							60				60
Electronics & Communication Engineering									60		60
Applied Electronics & Instrumentation Engineering							60				60
Information Technology							60				60
Institution Total (Yearwise)							***240***		***60***	***30***	***330***
25.Bengal Institute of Technology, Tech. Town, P.O.Bamonghata, On Basanti Highway, Kolkata, Pin: 700 039. (Private Institute) Ph.: 033-2345-8001/02/03 Fax: 033-2345-8005 (Year of Establishment-2000)											
Bio-Technology.									30		30
Computer Science & Engineering							60				60
Electronics & Communication Engineering							60				60
Information Technology							60				60
Institution Total (Yearwise)							***180***		***30***		***210***
26. St. Thomas College of Engineering, 4, Diamond Harbour Road, Kolkata-700 023, (Private Institute) Ph.: 033-2448-1081/1082 Fax.: 2448-2914 (Year of Establishment-2000)											
Computer Science & Engineering							60				60
Electrical Engineering							60				60

	Upto 94-95	95-96	96-97	97-98	98-99	99-2000	2000-2001	2001-2002	2002-2003	2003-2004	Total
Electronics & Communication Engineering							60				60
Information Technology							60				60
Institution Total (Yearwise)							***240***				***240***
27. JIS College of Engineering, Block-A, Phase-III, Kalyani, Nadia-741235 (Private Institute) Ph. (033) 2582-2154/ 2582-2137,2138 (Year of Establishment-2000)											
Bio Medical Engineer										30	30
Computer Science & Engineering							60	30			90
Electrical Engineering							60				60
Electronics & Communication Engineering							60				60
Electronics & Instrumentation Engineering									40		40
Information Technology							60	30			90
Institution Total (Yearwise)							***240***	***60***	***40***	***30***	***370***
28.University Institute of Technology, Burdwan University, P.O. Rajbati, Dist.Burdwan, Pin-713104 (A Govt. aided Institute) Ph.(0342) 2557-800/561-016 Fax.-0342-2564452 (Year of Establishment-2000)											
Electronics & Instrumentation Engineering										30	30
Computer Science & Engineering							40	20			60
Electronics & Communication Engineering							40	20			60
Information Technology							40		20		60
Institution Total (Yearwise)							***120***	***40***	***20***	***30***	***210***

	Upto 94-95	95-96	96-97	97-93	98-99	99-2000	2000-2001	2001-2002	2002-2003	2003-2004	Total
29.Gupta College of Technological Sciences, Ashram More, G.T. Road, Asansol-713301 (Private Institute) Ph.(0341) 2213120/2204423/ 2203839 Fax : 0341-2213120 (Year of Establishment-2000)											
Pharmacy							60	30			90
Institution Total (Yearwise)							60	30			90
30.Dumkal Institute of Engineering & Technology, Mouza Ramna, Etbar Nagar, Basantapur, P.O.: Dumkal, Dist.: Murshidabad, Pin: 742303. (Private Institute) Ph.: (03481) - 230033/230040 Fax:(03481) - 231188 (Year of Establishment-2001)											
Computer Science & Engineering								60			60
Electronics & Communication Engineering								60			60
Applied Electronics & Instrumentation Engineering								60			60
Information Technology								60			60
Institution Total (Yearwise)								***240***			***240***
31.Narula Institute Of Technology, 81, Niljunj Road, Agarpara, Kolkata - 700056. (Private Institute) (Year of Establishment-2001) Ph: 033-2563-7777/8880, 2583-7029											
Computer Science & Engineering								60			60
Electrical Engineering									60		60
Electronics & Communication Engineering								60			60
Information Technology								60			60
Institution Total (Yearwise)								***180***	***60***		***240***

	Upto 94-95	95-96	96-97	97-98	98-99	99-2000	2000-2001	2001-2002	2002-2003	2003-2004	Total
32.Techno India, Plot No. EM-4/1, Salt Lake Electronic Complex, Sector - V, Kolkata - 700091. (Private Institute) (Year of Establishment-2001) Ph: 033-2357-5683/84/85 Fax: 033-2357-5686											
Food Technology										30	30
Computer Science & Engineering								60			60
Electrical Engineering								60			60
Electronics & Communication Engineering								60		30	90
Information Technology								60			60
Institution Total (Yearwise)								***240***		***60***	***300***
33.Bengal College of Engineering & Technology, Shahid Sukumar Banerjee Sarani, Durgapur - 713212 (Private Institute) (Year of Establishment-2001) Ph.: 0343-2533186 Fax: 0343-2536756											
Electrical & Electronics Engineering										30	30
Bio-Technology.								60			60
Computer Science & Engineering								60			60
Electronics & Communication Engineering								60			60
Information Technology								60			60
Institution Total (Yearwise)								***240***		***30***	***270***
34.Megnad Saha Institute of Technology, Madurdaha, Behind Ruby Hospital, (Near NRI Complex) Kolkata - 700 039. (Private Institute)											

	Upto 94-95	95-96	96-97	97-98	98-99	99-2000	2000-2001	2001-2002	2002-2003	2003-2004	Total
(Year of Establishment-2001) Ph.: 033-24431031/1033 Fax: 033-24431032.											
Civil Enigneering										60	60
Computer Science & Engineering								60			60
Electrical Engineering								60			60
Electronics & Communication Engineering									60		60
Information Technology								60			60
Institution Total (Yearwise)								***180***	***60***	***60***	***300***
35.Haritage Institute of Technology, Chowdhaga Road,Anandapur, P.O.: East Kolkata Town Ship, Kolkata - 700 017. (Private Institute) (Year of Establishment-2001) Ph.: 033-2443-0454/0457/0710 Fax: 033-2443-0455											
Bio-Technology.									30	30	60
Chemical Engineering									60		60
Computer Science & Engineering								60			60
Electronics & Communication Engineering								60			60
Applied Electronics & Instrumentation Engineering								60			60
Information Technology								60			60
Institution Total (Yearwise)								***240***	***90***	***30***	***360***
36.National Power Training Institute (ER) Michael Faraday St. City Center, Durgapur-713216. (Self-Financing Institute under the Ministry of Power Govt. of India) (Year of Establishment 2002)											

	Upto 94-95	95-96	96-97	97-98	98-99	99-2000	2000-2001	2001-2002	2002-2003	2003-2004	Total
Ph: 0343-2545888/2546237 Fax: 0343-2545888											
Power Plant Engineering									60		60
Institution Total (Yearwise)									***60***		***60***
37.Future Institute of Engg. & Mgt., Ramkrishna Mission Pally, Kolkata – 700 103. (Private Institute) (Year of Establishment-2002)											
Mechanical Engineering										60	60
Computer Science & Engineering									60		60
Electrical Engineering									60		60
Applied Electronics & Instrumentation Engineering									60		60
Electronics & Communication Engineering									60		60
Institution Total (Yearwise)									***240***	***60***	***300***
38.Institute of Technology & Marine Engg.,Vill-Jingha, P.O. Amira, P.S-Diamond Harbour, Dist-South, 24 Parganas, W.B-743368 (Private Institute) (Year of Establishment-2002) Ph.: 033-245078/101 Fax: 033-245108											
Bio-Technology.									30		30
Computer Science & Engineering									60		60
Electronics & Communication Engineering									60		60
Information Technology									30	30	60
Marine Engineering									60		60
Institution Total (Yearwise)									***240***	***30***	***270***

	Upto 94-95	95-96	96-97	97-98	98-99	99-2000	2000-2001	2001-2002	2002-2003	2003-2004	Total
39.Mallabhum Institute of Technology, Braja Radha Nagar (Gopalpur), P.O. Gosainpur., Dist.: Bankura, W.B.Pin: 722122 (Private Institute) (Year of Establishment-2002) Ph: 03244-255207/208 Fax: 033-24406996											
Electrical Engineering										30	30
Computer Science & Engineering									60		60
Electronics & Communication Engineering									60		60
Information Technology									60		60
Production Engineering									60		60
Institution Total (Yearwise)									***240***	***30***	***270***
40.Durgapur Iinstitute of Advanced Tech. & Management, G.T. Road, Rajbandh, Durgapur - 713212 (Private Institute) (Year of Establishment-2002) Ph: 0343-2520712 Fax: 0343-2520713											
Computer Science & Engineering									60		60
Electrical Engineering									60		60
Electronics & Communication Engineering									60		60
Information Technology									60		60
Institution Total (Yearwise)									***240***		***240***
41.Calcutta Institute of Pharmaceutical Technology & Allied Health Sciences, Banitabla, P.O.: Uluberia, Howrah - 711 316											

	Upto 94-95	95-96	96-97	97-98	98-99	99-2000	2000-2001	2001-2002	2002-2003	2003-2004	Total
(Private Institute) ***(Year of Establishment-2002)*** ***Ph: 033-26610499*** ***Fax: 033-28075015***											
Pharmacy									60		60
Institution Total (Yearwise)									***60***		***60***
42.Gurunanak Instutute Technology, 157/F, Nilgunge Road, Panihati, Dist 24 Parg-nas (N), Pin-743176 ***(Private Institute)*** ***(Year of Establishment-2000)*** ***Ph : 033-2558-0983*** ***Fax : 033-2528-900***											
Computer Sciecne & Engineering										60	60
Electronics & Communication Engineering										60	60
Applied Electronice & Instrumentation Engineering										60	60
Electrical Engineering										60	60
Institution Total (Yearwise)										***240***	***240***
43. Calcutta Institute of Engineering & Management, 24/1 A, Chandi Ghosh Road, Kolkata - 700 040 ***(Private Institution)*** ***(Year of Establishment-2003)*** ***Ph: 033-2421-5747,*** ***Fax: 033-2421-8998***											
Computer Sciecne & Engineering										60	60
Electronics & Communication Engineering										60	60
Electrical Engineering										60	60
Information Technology										60	60
Institution Total (Yearwise)										***240***	***240***

	Upto 94-95	95-96	96-97	97-98	98-99	99-2000	2000-2001	2001-2002	2002-2003	2003-2004	Total
44.Aryabhatta Institute of Engineering & Management, Panagarh, Panagarh Bazar, Dist. Burdwan, Pin-713148 (Private Institution) (Year of Establishment-2003) Ph: 0343-2526415/416/417, Fax: 0343-2526417											
Computer Sciecne & Engineering										60	60
Electronics & Communication Engineering										60	60
Electrical Engineering										60	60
Information Technology										60	60
Institution Total (Yearwise)										***240***	***240***
45.Bengal Institute of Technology & Management, Shriniketan Bypass, Gopal Nagar, P.O. Doranda, Birbhum Pin-731236 (Private Institution) (Year of Establishment-2003) Ph: 03463-271354, Fax: 03463-271353											
Computer Sciecne & Engineering										60	60
Electronics & Communication Engineering										60	60
Electrical Engineering										60	60
Information Technology										60	60
Institution Total (Yearwise)										***240***	***240***
46. Sarojmohan Institute of Technology,Guptipara, Dist.- Hooghly, Pin - 712 512 (Private Institution) (Year of Establishment-2003) Ph : 03213-262201											

	Upto 94-95	95-96	96-97	97-98	98-99	99-2000	2000-2001	2001-2002	2002-2003	2003-2004	Total
Computer Sciecne & Engineering										60	60
Electronics & Communication Engineering										60	60
Electrical Engineering										60	60
Information Technology										60	60
Institution Total (Yearwise)										***240***	***240***
47. IMPS College of Engineering & Technology, Nityanandapur, P.O. & Dist. Malda, Pin - 732 101 (Private Institution) (Year of Establishment-2003) Ph: 03512-271555/251272											
Computer Sciecne & Engineering										60	60
Electronics & Communication Engineering										60	60
Electrical Engineering										60	60
Information Technology										60	60
Institution Total (Yearwise)										***240***	***240***
48. Academy of Technology, G. T. Road, P.O.: AEDCO Nagar, Dist - Hooghly Pin - 712121 (Private Institution) (Year of Establishment-2003)											
Computer Sciecne & Engineering										60	60
Electronics & Communication Engineering										60	60
Electrical Engineering										60	60
Applied Electronic & Instrumention Engineering										60	60
Institution Total (Yearwise)										***240***	***240***

	Upto 94-95	95-96	96-97	97-98	98-99	99-2000	2000-2001	2001-2002	2002-2003	2003-2004	Total
49.NSHM School of Hotel Management, Bharati Road, 16th Street, B-Zone, Durgapur - 713205. (Private Institute) (Year of Establishment-2001) Ph.: 0343-2548606/2548607 Fax: 0343-2561045											
Hotel Management								60			60
Institution Total (Yearwise)								*60*			*60*
50. Durgapur Society of Management Science, Dr. Zakir Hussain Avenue, Bidhannagar, Durgapur-713206 (Private Institute) (Year of Establishment-2002) Ph.: 0343-2586993/2537756 Fax: 0343-2536993											
Hotel Management									60		60
Institution Total (Yearwise)									*60*		*60*
Grand Total at B.E/B.Tech including B. Pharm & Bechelor in Hotel Management											
(Post Higher Secondary)	*1657*	*90*	*110*	*340*	*845*	*1485*	*1850*	*2010*	*1637*	*2370*	*12394*

B.E / B.Tech (Post B. Sc.) Post Diploma etc.	Upto 94-95	95-96	96-97	97-98	98-99	99-2000	2000-2001	2001-2002	2002-2003	2003-2004	Total
1. University College of Science & Technology, Culcutta University, *(A State aided University)*											
Chemical Engineering	40										40
Chemical Technology :											
i) Ceramic Technology	10										10
ii) Oil Technology	10										10
iii) Petro & Petrolium Ref. Engineering	10										10
iv) Pharm & Five. Chem. Technology	10										10
Computer Science & Engineering	30						10				40
Electrical Engineering	14									6	20
Information Technology							40				40
Instrumentation Engineering	16									4	20
Optics & Opto Electronics	20										20
Polymer Science Technology	30										30
Radio Physics & Electronics	42										42
Institution Total (Yearwise)	***232***						***50***			***10***	***292***
2. Faculty of Engineering & Technology, Jadavpur University, Jadavpur, Kolkata-700032. (State Aided University) Ph : (033) 2473-4044 / 4495; Fax No. : (033) 2473-5508/2413-7121 (Year of Establishment-1955)											
Food Technology & Bio-Medical Engineering	20										20
Instrumentation Engineering	20										20
Institution Total (Yearwise) Grand Total at	***40***										***40***
B.Tech (Post B.Sc) level	***272***						***50***			***10***	***332***

	Upto 94-95	95-96	96-97	97-98	98-99	99-2000	2000-2001	2001-2002	2002-2003	2003-2004	Total
West Bengal University of Technology (School of Information Technology)											
Information Technology							100				100
							100				***100***
B. E. (Post Diploma)											
1.Jadavpur University,Faculty of Engineering & Technology, Jadavpur, Kolkata-700032. (State Aided University) Ph : (033) 2473-4044 / 4495; Fax No. : (033) 2473-5508/ 2413-7121 (Year of Establishment-1955)											
Civil Engineering	40										40
Electrical Engineering	40										40
Mechanical Engineering	40										40
Grand Total at	***120***										***120***
Yearwise Growth of Intake Capacity in B.E./B. Tech. Courses at all levels	**2049**	**90**	**110**	**340**	**845**	**1485**	**2000**	**2010**	**1637**	**2380**	**12946**

4.1.2 FACILITIES IN POST-GRADUATE LEVEL EDUCATION AT THE M.E/M.TECH LEVEL IN ENGINEERING AND TECHNOLOGY

Name and Address of The Institution	Courses Offered	Intake Capacity	Affiliating University
1) Faculty of Engineering & Technology, Jadavpur University, Jadavpur, Kolkata-32. Ph: (033) 4734044/ 4495/4693 Fax : (033) 473-5508 (033) 413-7121	M. E. in 1. Architecture 2. Chemical Engg. 3. Civil Engg. 4. Computer Sc & Engg. 5. Electrical Engg. 6. Electronics & Telecom Engg. 7. Food Tech. & Bio-Chem Engg. 8. Mechanical Engg. 9. Metallurgy 10. Pharmacy 11. Production Engg 12. Energy Studies 13. Bio- Technology	 08 19 25 31 25 25 08 25 10 25 13 13 10	Jadapur University
	TOTAL	**237**	
2) Bengal Engineering College (Deemed University), P.O. Botanic Garden, Howrah-711103. Ph: (033) 6684561/ 62/ 63 Fax: (033) 668-2916/ 4564	M. E. in 1. Civil Engineering (i) Structural Engg. (ii) Soil Mechanics and Foundation Engg. 2. Applied Mechanics (i) Hydraulic Engg (ii) Mechanics of fluid (iii) Fluid Power System & Control (iv) Mechanics of Solids. (v) Advanced Mechanics & Theory of Mechanics. 3. Mechanical Engg (i) Heat Power Engg. (ii) Production Engg. (iii) Machine Designs. 4. Electrical Engg. (i) Power System.	 20 15 20	B. E. College (D. U.)

	(ii) Control System (iii) Electrical Machines. (iv) Industrial Electronics. 5. Electronics & Tele communication Engg. (i) Micro-Wave Communication. (ii) Digital System Instrumentation. 6. Metallurgical Engg. 7. Architecture (i) Master of Town and Regional Planning. 8. Computer Sc. & Tech.	20 05 10 10 10	
	TOTAL	**110**	
3) Regional Engineering College, Durgapur, Mahatma Ghandhi Avenue, Durgapur-713209. (Joint venture of Central & State Govt. run by Board of Governors) Ph: (0343)546397/546406/ 546594/ 546390 Fax: (0343) 547375/ 546753	M. E. 1. Chemical Engg. (i) Production of Fertilizer and Heavy Chemicals 2. Civil Engg. (i) Structural Engg. 3. Electrical Engg. i) Design, Operation and Maintenance of Electrical System in Steel Plant. 4. Metallurgical Engg. (i) Mechanical shaping of metals. (ii) Extraction Metallurgy and Foundry. (iii) Corrosion Science and Technology	45	Burdwan University
4) University College of Science & Technology, Calcutta University, Rashbehari Siksha Prangan, Rajabazar, Kolkata Ph: (033) 350-8386/ 6387	M.Tech 1. Radio Physics & Electronics 2. Applied Physics. 3. Computer Science & Engineering 4. Chem. Engg. & Tech. 5. Plastic & Rubber Tech.	134	Kolkata University

	6. Atmospheric Science		
5) College of Textile Technology, Serampore, Dist.-Hooghly. Ph: (033) 6623156/ 1058	1. Mechanical Processing in Textile Technology	10	Kolkata University
6) West Bengal University of Technology BF-142, Salt Lake, Kolkata-64 Ph. 2321-7578	1. Bio-Technology	20	Self
	GRAND TOTAL	**556**	

4.1.3 MASTER OF COMPUTER APPLICATION (MCA) PROGRAMME :

Upto 1994-95 academic session, there were only three universities viz. Jadavpur University, Bengal Engg. College (D.U.) and North Bengal University which offered MCA course to about 100 students.

During the year (2003-2004) M.C.A. has been extended to another four institutions as listed below :

1) Management Institute of Durgapur, Rajbandh, G. T. Road, Durgapur-712213, Burdwan

2) Heritage Institute of Technology, Kolkata

3) Narula Institute of Technology, Kolkata and

4) B.P. Poddar Institute of Management & Technology, Kolkata

Thus in 2003-2004, total institutes offering MCA has become 23 (twenty three) with intake capacity of 1070.

Institutionwise intake for MCA programme is given in the following table :

	Upto 94-95	95-96	96-97	97-98	98-99	99-2000	2000-2001	2001-2002	2002-2003	2003-2004	Total
1. Bengal Engineering College, (Deemed University) P .O.-Botanic Garden, Howrah-711103, Ph: (033) 2668-4561/ 62/ 63 Fax : (033) 2668-2916/ 4564 (Year of Establishment -1856) (D.U since 1992)											
Computer Application	30										30
Institution Total (Year wise)	**30**										**30**
2. Calcutta University, University College of Science & Technology (A State aided University)											
Computer Application							40				40
Institution Total (Year wise)							***40***				***40***
3. Faculty of Engineering & Technology, Jadavpur University, Jadavpur, Kolkata-700032. (State Aided University) Ph : (033) 2473-4044 / 4495; Fax No. : (033) 2473-5508/ 2413-7121 (Year of Establishment-1955)											
Computer Application	40										40
Institution Total (Year wise)	***40***										***40***
4. Regional Engineering College, Durgapur, Mahatma Gandhi Avenue, Durgapur-713209 (Joint venture of Central & State Govt.) Ph. : (0343)2546397/ 2546406/ 2546594/ 2546390 Fax : (0343)-2546753/2547375 (Year of Establishment-1960)											

	Upto 94-95	95-96	96-97	97-98	98-99	99-2000	2000-2001	2001-2002	2002-2003	2003-2004	Total
Computer Application							40				40
Institution Total (Year wise)							***40***				***40***
5. University of North Bengal, Darjeeling - 734 430.											
Computer Application	30										30
Institution Total (Year wise)	***30***										***30***
6. Vidya Sagar University, P.O.: Vidyasagar University, Midnapore - 721 102.											
Computer Application							40				40
Institution Total (Year wise)							***40***				***40***
7. Kalyani Government Engineering College, Kalyani, Nadia Pin-741235 (A State Govt. Institute) Ph: (033)25826680/1039 Fax : (033) 25821309 (Year of Establishment-1995)											
Computer Application								30	10		40
Institution Total (Year wise)								***30***	***10***		***40***
8. Haldia Institute of Technology, ICARE Complex, HIT Campus, P.O.: Hatiberia, Haldia, Dist.: Purba Midnapore, Pin.-721657 (Private Institute) Ph: (03224)52800 Fax:(03224)52900 (Year of Establishment-1996)											
Computer Application									60		60
Institution Total (Year wise)									***60***		***60***

	Upto 94-95	95-96	96-97	97-98	98-99	99-2000	2000-2001	2001-2002	2002-2003	2003-2004	Total
9. Asansol Engineering College , Sen Releigh Road, Kanyapur, Asansol-713304 (Private Institute) Ph. : (0341)251426/ 252108 Fax : (0341) 2253056/2254248 (Year of Establishment-1998)											
Computer Application									60		60
Institution Total (Year wise)									***60***		***60***
10. Netaji Subhas Engineering College, Techno City, Panchpota Police Para, P.O Panchpota, Dist.24 Parganas (S) Ph: (033)2436/3333/1285 Fax : (033)2436-1286 (Private Institute) (Year of Establishment-1998)											
Computer Application								60	-15		45
Institution Total (Year wise)								***60***	***-15***		***45***
11.Kalyani University ,Kalyani, Nadia, Pin- 741235, (Govt. aided Institute) Ph: (033) 2582-6680/ 1039 Fax : (033) 2582-6680 (Year of Establishment-1999)											
Computer Application							30				30
Institution Total (Year wise)							***30***				***30***
12.RCC Institute of Information Technology.College of Leather Technology , (Old Campus), Canal South Road, Beleghata, Kolkata- 700015 (A Govt. aided Institute) Ph: (033) 2216-1463/1400 Fax : (033) 2323-8003											

	Upto 94-95	95-96	96-97	97-98	98-99	99-2000	2000-2001	2001-2002	2002-2003	2003-2004	Total
(Year of Establishment - 1999)											
Computer Application							60		-15		45
Institution Total (Year wise)							***60***		***-15***		***45***
13.Siliguri Institute of Technology, Techno Campus, Salbari, Hill Cart Road, Pin : 734225 Siliguri, Darjeeling, (A Private Institute) Ph: (0353) 2574074, 2574075 Fax : 0353-25740756 (Year of Establishment-1999)											
Computer Application								30	30		60
Institution Total (Year wise)								***30***	***30***		***60***
14.Bengal Institute of Technology, Tech. Town, P.O.Bamonghata, On Basanti Highway, Kolkata Pin: 700 039. (Private Institute) Ph.: 033-2345-8001/02/03 Fax: 033-2345-8005 (Year of Establishment-2000)											
Computer Application								60			60
Institution Total (Year wise)								***60***			***60***
15. JIS College of Engineering, Block-A, Phase-III, Kalyani, Nadia-741235 (Private Institute) Ph. (033) 2582-2154/ 2582-2137,2138 (Year of Establishment-2000)											
Computer Application								40	20		60
Institution Total (Year wise)								***40***	***20***		***60***
16.Burdwan University, P.O. Rajbati, Dist.Burdwan, Pin-713104											

	Upto 94-95	95-96	96-97	97-98	98-99	99-2000	2000-2001	2001-2002	2002-2003	2003-2004	Total
(A Govt. aided Institute) Ph.(0342) 2557-800/2561-016 Fax.-0342-2564452 (Year of Establishment-2000)											
Computer Application							20				20
Institution Total (Year wise)							***20***				***20***
17.National Institute of Management, Kolkata, Building No. 117, Command Hospital Complex, Alipore, Kolkata- 700 027.											
Computer Application									30		30
Institution Total (Year wise)									***30***		***30***
18. Pailan College of Management & Tech., Pailan Park Housing Project, Phase-1, Amgachia Road, off Diamond Harbour Road, P.O. Pailan, W. B.											
Computer Application									60		60
Institution Total (Year wise)									***60***		***60***
19.Techno India, Plot No. EM-4/1, Salt Lake Electronic Complex, Sector - V, Kolkata - 700091 (Private Institute) (Year of Establishment-2001) Ph: 033-2357-5683/84/85 Fax: 033-2357-5686											
Computer Application									60		60
Institution Total (Year wise)									***60***		***60***

	Upto 94-95	95-96	96-97	97-98	98-99	99-2000	2000-2001	2001-2002	2002-2003	2003-2004	Total
20. Management Institute of Durgapur, Rajbandh, G.T. Road, Durgapur-712213, Burdwan											
Computer Application										60	60
Institution Total (Year wise)										***60***	***60***
21. Heritage Institute of Technology, Kolkata											
Computer Application										60	60
Institution Total (Year wise)										***60***	***60***
22. Narula Institute of Technology											
Computer Application										60	60
Institution Total (Year wise)										***60***	***60***
23. B.P. Poddar Institute of Management & Technology											
Computer Application										40	40
Institution Total (Year wise)										***40***	***40***
Yearwise Growth of intake Capacity in MCA Courses	**Upto 94-95**	**95-96**	**96-97**	**97-98**	**98-99**	**99-2000**	**2000-2001**	**2001-2002**	**2002-2003**	**2003-2004**	**Total**
Grand Total	**100**	**–**	**–**	**–**	**–**	**–**	**230**	**220**	**300**	**220**	**1070**

PROPOSED DEVELOPMENT IN ENGINEERING & TECHNOLOGY EDUCATION

1. The State Govt. in the Higher Education Department has already issued no objection certificates for establishment of a few more new private engineering colleges and it is likely that degree courses on emerging areas like Information Technology, Computer Science and Engineering, Electronics & Communication Engineering, Pharmaceutical Engineering, Bio-technology will be introduced in those institutes. Postgraduate courses in Management, Computer Application (MCA) and Bio-technology/Bio-informatics may also be introduced in different Engineering & Technology Colleges / University Departments and Management Institutes.

2. Introduction of postgraduate courses in the College of Leather Technology, Kolkata and the College of Ceramic Technology, Kolkata is under consideration.

3. Further development of infrastructural facilities at all the Govt. Engineering & Technology Colleges of the State would be taken up.

4. The efforts at development of infrastructural facility for the aided Engineering Institutes would be further supplemented.

5. Action-oriented drive for filling up the vacant posts of faculties & technical supporting staff would be expedited.

4.2 MANAGEMENT EDUCATION

Organisations today are faced with radical and rapid changes, shrinking resources and intense competition. Companies are looking for individuals who possess a broad range of practical skills and a breadth of knowledge that can be used to solve problems within the organisation. A management graduate is trained and prepared to respond to the opportunities and demands of a highly competitive business environment. Thus, most organisations now recognise the importance of recruiting professionally qualified managers to help provide the skills and direction necessary for an organisation to survive, grow and prosper in this dynamic and challenging environment. Moreover, with the opening up of the economy and markets the world over, the demand for management graduates with a global outlook has increased phenomenally.

In India, the prerequisite to a career in management is a postgraduate degree / diploma offered by management institutions or departments.

IIMC is one of the most prestigious management institutions in India with deemed university status. IIMC located at Joka on the Diamond Harbour Road, is one of the six most prestigious management institutions in India of Global Standard.

IISWBM affiliated to Calcutta University is the oldest Management institution in India and is one of the most prosperous AICTE accredited institutions. Over a period of last few years, a number of good management institutions with excellent infrastructure and teaching faculties have come up. Most of them are affiliated to West Bengal University of Technology.

J.U., C.U., B.U., K.U., N.B.U., and B.E. College Deemed University have Management Deptt./faculties offering M.B.A. courses.

Apart from 2 years M.B.A. programmes offered in most institution, some institutes also offer 3 yrs. part time programme for industry sponsored candidates and also a few institutions offer P.G. Diploma programme in Management in Distance mode.

From 2004-2005 State Govt. has introduced a common entrance test for selection of candidates for admission to Management Institutes of the State.

4.2.1 LIST OF MANAGEMENT INSTITUTIONS IMPARTING POST-GRADUATE LEVEL MANAGEMENT EDUCATION IN THE STATE OF WEST BENGAL.

Sl. No.	Name and Adress of the Institution	Courses Offered	Year of Intro-duction of the course	Intake Capacity	Dura ration	Remarks
1.	Indian Institute of Management Joka, Diamond Harbour Road, Kolkata-700 104 Establishment:1961 Ph.No. : (033)2467-8300/ /8301/8302/8303/ 8304/8305 Fax No. : 2467-8307 Director@iimcal.ac.in	i) Postgraduate Diploma in Management (PGDM) ii) Postgraduate Diploma in Computer Aided Management (PGDCM) iii) Postgraduate Diploma in Business Management (PGDM) iv) Fellow programme in Management (FPM)	1962 1994 1994	220 60 40	2 Yrs. 2 Yrs. 3 Yrs. 4Yrs	Permanently approved by AICTE.
2.	Indian Institute of Social Welfare & Business Management House (Management House) College Square	i) Master of Business Administration (FT) ii) Master of Business (PT) Administration	1976 1954	90 60	2 Yrs. 3 Yrs.	Affiliated to C.U & approved by AICTE

	(West), Kolkata-700 073 Estabslishment : 1953 Ph.No.2241-8694/8695 5792/3756 Fax : 2241-3975 E-mail : iiswbm@iiswbm.cdn Website : www.iiswbm.edu	iii) Postgraduate programme in Business Management (PGDBM) iv) PGD(HRD) v) PGD-Master Degree Transportation & Logistics Management vi) PGD-Master Degree Environment Management vii) PGD-Master Degree Energy Management viii) PGD (HOS-M) ix) PGD (HOS-M)	1990 1990 1993 1953 1993 1993 1993	120 30 30 30 30 30 30	3 Yrs. 3 Yrs. 3 Yrs. 2 Yrs. 3 Yrs. 2 Yrs. 3 Yrs.	
3.	Institute of Business Management & Research, 6/1, Swinhoe Street Kolkata-700 019 Estt. - 1976 Ph.no. : (STD.033) 2440-6755/7719 Fax : 2841-0729 E-mail : ibmr@vsnl.com	i) MBA (FT) ii) MBA (PT)	2001-2002 2001-2002	30 30	2 Yrs. 3 Yrs.	Affiliated to West Bengal University of Technology & approved by AICTE
4.	Institute of Modern Management 3A, Loudon Street, Kolkata - 700 017 Estt. 1974 Ph. no. (STD.033) 2247-8625/2280-3116 2247-9010 FAX : 2247-8869	i) MBA (FT) ii) MBA (PT)	1974 1974	60 60	2 Yrs. 3 Yrs.	Viswa-Bharati University Approved

	E-mail:immvua@cal2.vsnl.net.in Website:www.immindia.co4m					
5.	Institute of Business Management, (National Council of Education Bengal), Raja S.C. Mallick Road, Kolkata-700 032 Estt.-1984 Ph. no. : (STD.033) 1414-6810/6219/6357 E-mail : ibmnce@cal3. vsnl.net.in	i) Master of Business Administration (M.B.A.)	1985	60	3 Yrs.	Affiliated to Jadavpur University & approved by AICTE
6.	National Institute of Personnel Management 45, Fazlul Haque Sarani (Formerly Jhowtala Road) Kolkata-700 019 Estt. 1980 Ph. : 2247-5650/2280-1759 Fax : 2240-8176 E-mail:nim@cal2.vsnl. net.in	Postgraduate Diploma in Personnel Management (PGDPM), (Distance Education)	1978	500	3 Yrs.	Distant Education approved by AICTE
7.	Institute of Engineering and Management, Salt Lake, Electronics Complex, Salt Lake Kolkata-700 091 Estt. 1989 Ph. No. (STD.033) 2357-2059 Fax : 2357-8302	Master of Business Administration (M.B.A)	1989	45	2 Yrs.	Approved by AICTE & Affiliated to WBUT
8.	Institute of Management Science, Bharatiya Vidya Bhavan, Block-FA Sector-III, Salt Lake	Master of Business Administration (M.B.A)	2000	60 Regular	2 Yrs.	Affiliated to K.U/W.B.U.T & approved by AICTE

	Kolkata - 700 091 Estt. 2000 Ph. no. (STD.033) 2335-8754/1283/1284 Fax : 2335-1250 E-mail : bimscal@vsnl.net Website : www.bimscal.org					
9.	Eastern Institute of Integrated Learning in Management 6, Waterloo Street, Kolkata - 700 069 Estt. 1997 Ph. No. 2210-0911/0912 0913 Fax : 2210-0909 E-mail : eiilm@vsnl.com	MBA	1997	60	2 Yrs.	Viswa-Bharati University Approved
10.	International Institute of Management Sciences CF-151, Salt Lake Kolkata - 700 064 Estt. 1979 Ph. No. 2337-2592	Postgraduate Diploma in Business Management (PGDBM), (Distance Education)	1979	500	2 Yrs.	Under the approval of Viswa-Bharati University.
11.	Department of Business Administration, University of Burdwan, Rajbati, Burdwan - 713 104 Estt. 1960 Ph. No. 0342-556566/ 556549 Ext. 412 Fax : 91-0342-530452	Master of Business Administration (M.B.A) MBA (Tourism)	1983 2000	30 25	2 Yrs.	Affiliated to Burdwan University and approved by AICTE
12.	Department of Business Management, University of Calcutta, Alipore	Master of Business Management (M.B.M.)	1976	30	2 Yrs.	Approved by AICTE

	Campus, 1, Reformatory Street, Kolkata - 700 027 Estt. 1985 Ph. No. (STD-033) 2449-9418/2479-1645 Extn.329 E-mail : cumbm@cal3.vsnl.net.in					
13.	Deptt. of Human Resource Management, B.E. College (D.U.), P.O. Botanical Garden, Howrah-711 103 Estt.-1956(elevated to the status of D.U. in the year 1993), Ph. No. 2668-4561/ 4562/4563 Fax : 2668-4564 E-mail : v.c.@becsac.in	Master of Business Administration (M.B.A.)	1999	40	2 Yrs.	Approved by AICTE
14.	National Institute of Management, Kolkata (Judges Court Road) Opposite Alipur Telephone Exchange, Alipore Kolkata - 700 027 Estt. 1997 Ph. No. - 2439-8335/37/38 Fax : 2479-4929 E-mail : nim-cal@hotmail.com	Master of Business Administration (M.B.A.)	1997	60	2 Yrs.	Affiliated to W.B.U.T and approved by AICTE
15.	Indian Centre for Advancement of Research & Education (Haldia Institute of Technology) P.O. Debhog, City Centre Midnapur, Pin-721 657 Estt. - 1996 Ph. No. (03224) 252-900/	Master of Business Administration (M.B.A.)	2002	60	2 Yrs.	Approved by AICTE and Affiliated to WBUT

	800/850 Fax : 03224-252-800 E-mail : kgp-hit-123@sancharnet.in					
16.	JIS College of Engineering, Block-A, Phase-III, Kalyani, Nadia - 741 235 Estt. - 2000 Ph. No. : 2580-8640/ 2582-2165 Fax : 2582-2138	Master of Business Administration (M.B.A.)	2002	60	2 Yrs.	Approved by AICTE and Affiliated to WBUT
17.	Pailan College of Management & Tech (2002). Pailan Park, Housing Project, Phase-1 Amgachia Road, Ph. No. 2497-8006/8007 Fax : 2453-5605	Master of Business Administration (M.B.A.)	2002	60	2 Yrs.	Approved by AICTE and Affiliated to WBUT
18.	Department of Business Administration, Kalyani University Estt. 1964 Ph. No. : 2582-8378/8286 Fax : 2582-8282	Master of Business Administration (M.B.A.)	2001	60	2 Yrs.	Approved by AICTE

The State Government has also received a number of proposals for establishment of Management Institutes for conducting Postgraduate Courses in Business Administration/Management from the academic session of 2003-2004. These proposals are under considerations. "No-Objection Certificates" may be issued considering the importance and demand for this discipline of education and infrastructure developed in the applicant institutes. All India Council for Technical Education (AICTE) will, however, give the final approval.

CHAPTER – 5

UNIVERSITIES

5.1 General Information

5.2 Calcutta University

5.3 Jadavpur University

5.4 Rabindra Bharati University

5.5 Burdwan University

5.6 Kalyani University

5.7 North Bengal University

5.8 Vidyasagar University

5.9 Netaji Subhas Open University

5.10 West Bengal University of Technology

5.11 Bengal Engineering College (Deemed University)

5.12 U.G.C. Recommendations for the Ninth Plan

CHAPTER-5

UNIVERSITIES

5.1 GENERAL INFORMATION :

Out of fifteen State aided universities in West Bengal, nine universities and a Deemed university come under the administrative jurisdiction of the Department of Higher Education. A list of the universities is given below. The Department has, in recent years, set up two universities. The Netaji Subhas Open University was established in 1997 for the education of the distant learners. The West Bengal University of Technology was set up in 2000 to improve the quality of instruction and research in Engineering and Technology and Management.

The Bidhan Chandra Krishi Viswavidyalaya (BCKV) and Uttarbanga Krishi Viswa Vidyalaya come under the jurisdiction of the Department of Agriculture. A university for the study of animal sciences and fisheries was created out of the BCKV in 1995 by the Department of Animal Resource Development. A new agricultural university, Uttar Banga Krishi Viswavidyalaya was also carved out of the BCKV in 2001. The West Bengal National University for Juridical Sciences under the jurisdiction of the Department of Law started functioning in 2000. Recent addition to the universities in the State is The West Bengal University of Health Sciences which started functioning from 1st January, 2003.

5.1.1 NAME OF THE STATE AIDED UNIVERSITIES WITH THEIR TERRITORIAL JURISDICTION IN THE STATE OF WEST BENGAL.

UNIVERSITIES UNDER THE JURISDICTION OF THE DEPARTMENT OF HIGHER EDUCATION

Name of The University	Date of Establishment	Address	Territorial Jurisdiction
1. University of Calcutta	24 January, 1857	College Street,Senate House, Calcutta-700073; Phone : 2241-0071,2241-4984 Fax : 2241-3222 Website : www.caluniv.ac.in Email : registrar@cuccernet.in	The whole of the West Bengal excluding the area of jurisdiction of other Universities established by law within West Bengal. The jurisdiction of the Calcutta University extends to the districts of Howrah, North & South

			24 Parganas (excluding Bijpur P.S of North 24-Parganas) and the Calcutta district, excluding some colleges (See the list of the colleges in the appendix) and Serampore subdivision of the district of Hooghly.
2. Jadavpur University	24 December, 1955	Jadavpur, Calcutta –700032; Phone : 2414-6666,6194,6643 Fax : (91)-033-2414-6414 Website : www.jadavpur.edu Email : registrar@jdvu.ac.in	A radius of two miles from the university office at Jadavpur.
3. University of Burdwan	15 June 1960	Rajbati, Burdwan, Dist. – Burdwan. Pin – 713104 Phone : +91-0342-2533913 Fax : +95-0342-253-0452 Website : www.bur.univ.ac.in Email : vcbu@satyam.net.in rgbu@sity.com	Districts of Burdwan, Bankura, Birbhum, Purulia and Hooghly (excluding Serampore subdivision)
4. University of Kalyani	1 November, 1960	Kalyani, District-Nadia, Pin – 741235 Phone : (033) 2582-8690 Fax : (033) 2582-8282 Website : www.klyunive Email : nsaha2@yahoo.com	Districts of Nadia, Murshidabad and Bijpur Police Station of North 24 Parganas.
5. Rabindra Bharati University	8 May, 1962	56A, B.T. Road, Calcutta –700050 Phone : 2556-2543 Fax : 2556-8079 Website : www.rabindrabharatiuniversity.net Email : reg@cal3.vsnl.net.in.	All Institutions in the State teaching dance, drama, music and visual arts (except the Government College of Art & Craft).
6. University of North Bengal	1 July, 1962	Raja Rammohanpur, P.O. – North Bengal University, Dist. Darjeeling, Pin- 734430.	District Cooch Behar, Darjeeling, Jalpaiguri, Malda, North Dinajpur and South Dinajpur.

		Phone : (0353)-2582-099 Fax : (0353) 2581212 Website : http://www.nbu.ac.in Email : regnbu@sanchar.net.in	
7. Vidyasagar University	29 September 1981	P.O. – Vidyasagar University, Dist – Midnapur, Pin- 721102. Phone:(953222)262-009,262-297 Fax : (953222)262329,557-1611 Website : www.vidyasagar.ac.in Email : HYPERLINK mail to : vidya@dte.vsnl.net.in	East and West Midnapur
8. Netaji Subhas Open University	20 August 1997	1,Woodburn Park, Kolkata-700 020 Ph. : 2287-0157 Fax : (033)-2287-1082 Website :www.wbnsou.com./org. Email : nsou@cal2.vsnl.net.in	The whole of West Bengal
9. West Bengal University of Technology	7 August 2000	BF-142, Salt Lake, Kolkata –700 064 Ph. : 2321-1327 Fax : 2321-7578 Website : www.wbut.net.	The whole of West Bengal
10. Bengal Engineering College (Deemed University)	1856 as a Govt. college; Deemed University Status in 1992	P.O. – Botanic Garden, Shibpur, Howrah – 711 103 West Bengal Ph : 668-0521 to 0532, 668-4561/4562/4563/668-1503 Fax : 668-4564/2916 Website : www.becs.ac.in Email : vc@becs.ac.in	Deemed University

UNIVERSITIES UNDER THE JURISDICTION OF OTHER DEPARTMENTS OF THE STATE GOVT.			
1. Bidhan Chandra Krishi Viswavidyalaya	1st September, 1974	P.O. Krishi Viswavidyalaya, Mohanpur, Nadia, Pin-741252. Ph : (033) 2585-8163 Fax : (03473)-222275 Email : vcbckv@vsnl.net	The whole of West Bengal.
2. University of Animal and Fishery Sciences	2 January, 1995	37 & 68, Khudiram Bose Sarani, Belgachia, Calcutta – 700 037. Ph : 2556-3396,2556-5021 Fax : 2557-1986	The whole of West Bengal.
3. W.B.National University of Juridical Sciences	22 April, 2000	LA Block, Salt Lake (E.M. Bypass) Calcutta-700 098 Ph : 2335-0534/7379 Fax : 033-2335-7422 Website : www.nujs.edu Email : nujs@cal3.vsnl.net.in	The whole of West Bengal
4. Uttar Banga Krishi Viswavidyalaya	1 February, 2001	P.O.-Pundibari, Dist-Cooch Behar Ph : 03582-270141/249 Email : mondal@rediftmail.coms	Malda, South Dinajpur, North Dinajpur, Darjeeling, Jalpaiguri, Cooch Behar
5. West Bengal University of Health Science	2nd December, 2002	DD-36, Sector –1, Salt Lake, Kolkata-700 064 Ph : 2321-5388 Fax : 23215389 Website : www.wbhus.org/data Email : vc@wbuhs.org	The whole of West Bengal

5.1.2 FINANCIAL GRANTS RELEASED TO THE STATE-AIDED UNIVERSITIES, B.E. COLLEGE (D.U.) AND W.B. STATE COUNCIL OF HIGHER EDUCATION FROM HIGHER EDUCATION DEPARTMENT DURING 2003-2004

(Rs in lakhs)

Sl. No.	Name of the Universities	Salary grants released (Non-Plan)	Other grants released (Non-Plan)	Grants released under other heads of account (Non Plan)	Total grants released (Non-Plan)	Salary grants released (Plan Head)	Other grants released (Plan Head)	Grant released for Con-structi-on (Plan Head)	Grants released for Books, Journals (Plan Head)	Total Grants released (State Plan)	Re marks
(1)	(2)	(3)	(4)	(5)	(6) (3)+(4)+(5)	(7)	(8)	(9)	(10)	(11)	(12)
1.	Calcutta	6376.63	657.00	6.30	**7039.93**	-	-	16.43	30.00	**46.43**	
2.	Jadavpur	5219.65	607.50	4.19	**5831.34**	-	-	2.66	16.00	**18.66**	
3.	Kalyani	1707.66	373.50	-	**2081.16**	-	-	28.00	8.00	**36.00**	
4.	Burdwan	2625.00	314.52	-	**2939.52**	-	-	15.60	10.00	**25.60**	
5.	North Bengal	1714.15	318.24	-	**2032.39**	-	-	31.29	6.00	**37.29**	
6.	Rabindra Bharati	1002.75	98.28	0.25	**1101.28**	-	-	-	4.00	**4.00**	
7.	Vidyasagar	376.25	96.03	-	**472.28**	-	-	6.00	10.00	**16.00**	
8.	B.E. College (D.U.)	1081.21	126.85	-	**1208.06**	-	-	18.30	-	**18.30**	
9.	Netaji Subhas Open University	39.60			39.60	-	28.75	-	-	**28.75**	
10.	W.B. State Council of Higher Education	6.45	-	-	6.45	**14.79**	5.00	-	-	19.79	**Total** Salary grant =21.24 from non plan & plan head
11.	W.B. University of Technology	-	-	-	-	60.78	-	-	-	**60.78**	

5.1.3 ACADEMIC STRUCTURE

Academic activities of the universities are carried out through various departments under different Faculty Councils. The Deans of these Councils advise on academic matters and co-ordinate the departmental programmes. For the planning and implementation of the academic programmes of the departments, there is a departmental committee in each of them. The Head of the Department is the Chairman of the said committee. The Board of Studies under each Faculty Council plans and reviews the syllabus and assists the examination process.

5.2 CALCUTTA UNIVERSITY (1857)

The Calcutta University along with the Bombay University and the Madras University was established in 1857. The university is now being governed by the Calcutta University Act, 1979 which came into force on February 10, 1983.

The Calcutta University affiliates colleges mostly at the under-graduate level and also offers courses directly at the post-graduate level. A number of universities have been established in the State to lighten the burden of the Calcutta University. Its jurisdiction has now been limited to the districts of North and South 24-Parganas (except the Bijpur Police Station area of the former district), the district of Howrah as well as Serampur subdivision of the Hooghly district. Even so, the number of colleges affiliated by the University is 204. The university has allowed a few colleges such as the Presidency College, the Maulana Azad College and the Dinabandhu Andrews College to teach at the post-graduate level.

The Calcutta University has four campuses, namely, ASHUTOSH SHIKSHYA PRANGAN at 87/1, College Street, RASHBEHARI SHIKSHYA PRANGAN at Rajabazar, TARAKNATH SHIKSHYA PRANGAN at 35, Ballygunge Circular Road and SAHID KHUDIRAM SHIKSHYA PRANGAN at Alipore. It has 58 departments and offers 80 courses to nearly 12,000 post-graduate students.

The university monitors and awards Ph. D. degrees to research scholars. On an average, the Ph.D. degree is awarded to 175 students each year. According to a NISSAT report, in terms of output and impact, the university is among the first ten universities of the country in research on science and technology. The UGC has awarded CAS/DSA/DRS/COSIST programmes to more than fifteen departments of the university on the basis of research performance.

The four major campuses of the university have leased line access to the VSNL server. Through optical fibre network different departments and faculty members get access to e-mail and Internet facilities by router system. The central library is automated by using SOUL developed by IFILIBNET.

The university has created the B.C. Guha Center for Genetic Engineering and Biotechnology and the S.N. Pradhan Institute of Neuroscience with financial assistance from NRIs and eminent individuals.

The State Government and the Government of India have also extended financial assistance to the B.C. Guha Centre.

The National Assessment and Accreditation Council (NACC) visited the university and awarded a five star status to it in May 2001.

5.2.1 VARIOUS DEPARTMENTS OF THE UNIVERSITY AS LOCATED IN DIFFERENT CAMPUSES ARE INDICATED BELOW :

(a) ASHUTOSH SHIKSHYA PRANGAN, College Street, Ph. 241-00716 lines.
Teaching Departments :
Arabic & Persian, Bengali Language & Literature, Commerce, English, French, Hindi, Library & Information Science, Linguistics, Languages (Foreign), Pali, Urdu, Sanskrit, Journalism & Mass Communication.

(b) RASHBEHARI SHIKSHYA PRANGAN, 92,A.P.C. Road,(Rajabazar) Ph. 350-8386/6387
Teaching Departments :
Chemistry, Applied Mathematics, Applied Physics, Applied Psychology, Bio-Physics, Molecular Biology & Genetic, Centre for Atmospheric Science, Chemical Engineering, Chemical Technology, Chemistry, Computer Science & Engineering, Electronic Science, Physiology, Radio Physics & Electronics, Polymer Science & Technology, Psychology.

(c) TARAKNATH SHIKSHYA PRANGAN, 35, Ballygunge Circular Road, Calcutta-19
Ph. 475-3680-82/4681
Teaching Departments :
Agriculture, Anthropology, Bio-chemistry (Including Bio-Technology & Environmental Science), Botany, Geography, Geology, Marine Science, Pure Mathematics, Statistics, Zoology.

(d) HAZRA ROAD CAMPUS, 51/1 and 51/2 Hazra Road, Calcutta-19, Ph. 475-5801
Teaching Departments : Law.

(d) SAHID KHUDIRAM SHIKSHYA PRANGAN, 1, Reformatory Street, Alipore, Cal-27
Ph. 479-1645/2861
Teaching Departments :
Education, Philosophy, Political Science, Sociology, History, Islamic History & Culture, Ancient Indian History & Culture, Museology, Business Management, Archaeology.

(f) B. T. ROAD CAMPUS, 56A B.T. Road, Cal-50 Ph. 557-5082
Teaching Department : Economics.

(g) COLLEGE OF MEDICINE CAMPUS, 244, A.J.C. Bose Road, Cal-20 Ph. 248-2041/2084
Teaching Departments : S. N. Pradhan Centre for Neuroscience.

(h) JUDGES COURT ROAD CAMPUS, Judges Court Road, Alipore, Ph. 479-5594
Teaching Department : Department of Home Science.

5.2.2 FACULTIES & DEPARTMENTS

A list of FACULTY COUNCILS for Post Graduate Studies of the University together with the University Departments attached thereto are given below :

(i) FACULTY COUNCIL FOR POST-GRADUATE STUDIES IN ARTS
Departments of Ancient Indian History & Culture, Arabic & Persian, Archaeology, Bengali Language and Literature, Economics, English, French, Hindi, History, Islamic History & Culture, Linguistics, Museology, Pali, Philosophy, Political Science, Sanskrit, Sociology and Tamil.

(ii) FACULTY COUNCIL FOR POST-GRADUATE STUDIES IN COMMERCE, SOCIAL WELFARE & BUSINESS MANAGEMENT
Departments of Business Management, Commerce.

(iii) FACULTY COUNCIL FOR POST-GRADUATE STUDIES IN LAW
Department of Law.

(iv) FACULTY COUNCIL FOR POST-GRADUATE STUDIES IN EDUCATION, JOURNALISM AND LIBRARY SCIENCE
Departments of Education, Journalism & Mass Communication, Library & Information Science.

(v) FACULTY COUNCIL FOR POST-GRADUATE STUDIES IN FINE ARTS, MUSIC AND HOME SCIENCE
Departments of Home Science.

(vi) FACULTY COUNCIL FOR POST-GRADUATE STUDIES IN ENGINEERING AND TECHNOLOGY
Departments of Applied Physics, Chemical Technology, Chemical Engineering, Computer Science and Engineering, Polymer Science and Technology, Radio Physics & Electronics.

(vii) FACULTY COUNCIL FOR POST-GRADUATE STUDIES IN SCIENCE
Departments of Anthropology, Applied Mathematics, Applied Psychology, Bio-Chemistry, Bio-Physics, Botany, Chemistry, Geography, Geology, Marine Science, Molecular Biology & Genetics, Physics, Physiology, Pure Mathematics, Statistics, Zoology, Electronic Science, Psychology.

(viii) FACULTY COUNCIL FOR POST-GRADUATE STUDIES IN AGRICULTURE SCIENCE & VETERINARY SCIENCE

Department of Agricultural Chemistry, Agronomy, Horticulture, Genetics and Plant Breeding, Plant Physiology, Seed Science and Technology.

5.2.3 COUNCIL FOR UNDERGRADUATE STUDIES

(i) Council for Under-Graduate Studies in Arts, Science, Commerce, Home Science, Fine Arts and Music.

(ii) Council for Under-Graduate Studies in Medicine, Dental Science, Homoeopathy, Veterinary Science, Nursing and Ayurved.

(iii) Council for Under-Graduate Studies in Engineering and Technology.

5.2.4 The following departments of the University have been recognised by the UGC as Centres of Advanced Study (CAS) in the Thrust Areas :

Departments of Botany, Chemistry, Radio Physics & Electronics.

5.2.5 The following departments of the University have been selected as Departments for Special Assistance (DSA) by the U. G. C. :

Departments of Bio-Physics, Physics, Applied Mathematics, Anthropology, Bio-Chemistry, History, Journalism and Mass Communication, Commerce.

5.2.6 The following departments of the University have been recognised by the UGC as DSA :

Departments of Statistics, Geology, Business Management, English.

5.2.7 Grants under the COSIST Scheme of the U. G. C. have been sanctioned in favour of the following Departments of the University :

Departments of Bio-Physics, Applied Mathematics.

In addition to the courses of various departments mentioned above, a number of courses are offered by other constituent Colleges/Institutions of this University as given below :

5.2.8 Name of the courses taught by the University directly: (Starting from PG level courses or above and ending with Diploma and / or UG level courses; including Technical courses, if any.

Sl. No.	Department	Subject	Course with Intake Capacity	Selection Criteria In order of Merit
1.	Chemical Engineering	Chemical Engineering	B. Tech. - 40 M.A. - 12	"
2.	Chemical Technology	Ceramic Engineering Oil Technology Petrochemicals and Petroleum Refinery Engineering Pharmaceutical Technology	B.Tech. -36 M. Tech.-24	"
3.	Computer Science and Engineering	Computer Science and Engineering Computer and Information Sc.	B.Tech. - 30 M. Tech.- 10 M. Sc. - 30	"
4.	Radio Physics & Electronics	Radio Physics & Electronics	B. Tech. - 42 M. Tech.- 25	"
5.	Polymer Science and Technology	Polymer Science and Technology	B. Tech. - 30 M.Tech. - 12	"
6.	Applied Physics	Electrical Engineering Instrumentation Engineering Optics and Optoelectronics	B.Tech -14 M.Tech - 12 B.Tech -16 M.Tech - 12 B.Tech -12 M.Tech -12	"
7.	Atmospheric Science	Atmospheric Science	M. Tech. - 10	"
8.	Computer Centre	Master of Computer Application	MCA-20	"
9.	Physiology (Sc.)	Physiology (Sc.)	M.Sc. - 39	"
10.	Anthropology	Anthropology	M.Sc. - 28	"
11.	Applied Math	Applied Math	M.Sc. - 44	"
12.	Psychology	Psychology	M. Sc. - 34	"

13.	Pure Math.	Pure Math	M. Sc. - 71 (M.Phil)	"
14.	Physics	Pure Physics	M.Sc. - 75	"
15.	Applied Psychology	Applied Psychology	M.Sc. - 34	"
16.	Statistics	Statistics	M.Sc. - 30	"
17.	Chemistry	Pure Chemistry	M.Sc. - 70	"
18.	Botany	Botany	M.Sc. - 50	"
19.	Zoology	Zoology	M.Sc. - 71	"
20.	Marine Science	Marine Science	M.Sc. - 18	"
21.	Home Science	Food & Nutrition Human Development	M.Sc. - 30 M.Sc. - 30	"
22.	Biochemistry (Sc.)	Biochemistry Bio-Technology Electronic Science Microbiology Environmental Sc.	M.Sc. - 62 M.Sc. - 06 M.Sc.- 25 M.Sc. M.Sc.	"
23.	Geography	Geography	M.Sc. - 115	"
24.	Geology	Geology	M.Sc. - 28	"
25.	Bio-Physics Molecular Biology and Genetics	Bio-Physics Molecular Biology and Genetics Bio-Informatics	M.Sc. - 12 (P.G.Diploma 2 yr.)	"
26.	Plant Physiology	Plant Physiology	M.Sc. - 10	"
27.	Genetics & Plant Breeding	Genetics & Plant Breeding	M.Sc. - 10	"
28.	Horticulture	Horticulture	M.Sc. - 10	"
29.	Agronomy	Agronomy	M.Sc. - 10	"
30.	Seed Sc. & Technology	Seed Sc. & Technology	M. Sc. -10	"
31.	Agri. Chem. & Soil Sc.	Agri. Chem. & Soil Sc.	M.Sc. - 20	
32.	English	English	M.A - 242 M.Phil-10	"
33.	French	French	M.A - 15	"
34.	Economics	Economics	M.A - 220 M.Phil-10	"

35.	Ancient Indian History and Culture	Ancient Indian History and Culture	M.A - 121	"
36.	Hindi	Hindi	M.A - 94 M.Phil-15	"
37.	History	History	M.A - 150 M.Phil-20	"
38.	Islamic History Culture	Islamic History Culture	M.A - 167	"
39.	Journalism	Journalism and Mass Communication	M.A - 60 1 yr. P.G. Diploma	"
40.	Museology	Museology	M.A - 20	"
41.	Pali	Pali	M.A – 28 M.Phil-10	"
42.	Arabic & Persian	Arabic & Persian	M.A - 55	"
43.	Archaeology	Archaeology	M.A – 24	"
44.	Bengali	Bengali	M.A - 363 M.Phil-20	"
45.	Linguistics	Linguistics	M.A - 88	"
46.	Philosophy	Philosophy	M.A - 231 M.Phil-20	"
47.	Political Science	Political Science	M.A - 242 M.Phil-20	"
48.	Sanskrit	Sanskrit	M.A - 152 M.Phil-10	"
49.	Language	Russian - German,Chinese, French, Hindi, Bengali, Arabic, Persian, Pali	M.A. Certificate/Diploma	"
50.	Sociology	Sociology	M.A - 55	"
51.	Tamil Studies	Tamil Studies	M.A - 10	"
52.	Urdu	Urdu	M.A - 75	"
53.	Commerce	Commerce	M.Com -D-350 E-440	"
54.	Education	Education	M.A.-125 B.Ed-185	"
55.	Library & Inf. Sc.	Library & Inf. Sc.	B. Lib - 110 M. Lib - 15	"
56.	Law	Law	L.L.B - 320 L.L.M - 15	"
57.	Business Management	Business Management	M.B.M - 33	"
58.	S.N.Pradhan Neuro Science	Neuro Science (Research Work)		

** Apart from the above this University offers following Ph.D.,M. Phil, Diploma, Certificate Programmes :

PROGRAMMES	No's
Certificate Course	14
Diploma (UG)	10
Diploma (PG)	28
M.Phil	16
Ph. D	All 58 P.G. Departments

5.2.9 TYPES OF COLLEGES / INSTITUTIONS

1. General Degree Colleges (B.A./ B.Sc. / B. Com.) –155
2. B. Ed. Colleges/ Departments/ Physical Education Colleges –13
3. Art College – 2
4. Music Colleges – 1
5. Law Colleges – 3
6. Medical/Homeo/ Ayurvedic Colleges etc. – 24
7. Horticulture Institute / Management Institute – 1

5.2.10 RESEARCH SCHEMES / PROJECTS

At present 89 research schemes/ projects are being carried in different Departments of the University. The total number of research scholars registered in these schemes is 342.

5.2.11 ACADEMIC STAFF COLLEGE

The Academic Staff College (ASC) of University conducts Orientation Courses and Refresher Courses for College and University teachers.

Course offered were as follows : 2003

Refresher's course – 10

Orientation Programme – 04

5.2.12 MAJOR STREAMS IN UNDER-GRADUATE COLLEGES

The UGC has permitted thirty four affiliated colleges to teach vocational courses from the 1994 academic session. It has sanctioned financial grant for developing necessary infrastructure and other facilities for these colleges .for a period of five years from the academic session 2001-2002 the nomenclature of the course has changed from "VOCATIONAL" to "MAJOR".

The students may select one major subject for which 800 marks are allotted. The duration of the vocational course is 3 years. Each major courses have been introduced in the following colleges under the Calcutta University :

Name of the Colleges	Name of the Major Courses
Asutosh College, A.P.C. College, Dinabandhu Mahavidyalaya, Brahmananda Kesab Chandra College, Behala College	Industrial Fish & Fisheries.
F. C. College, R . K. Mission Vidyamandir, Sorojini Naidu College for Women, Rishi Bankim Chandra College, Dinabandhu Mahavidyalaya, Syamaprasad College, Maharaja Manindra Chandra College	Computer Application
F. C. College, Sundarban Hazi Desarath College, Muralidhar Girl's College, Gobardanga Hindu College, Maulana Azad College	Tourism & Travel Management
Gokhale Memorial Girl's College, Viharilal College of Home Science, Vidyasagar College for Women	Clinical Nutrition & Dietetics
S.A. Jaipuria College, Bidhanchandra College, Umeschandra College, Karimpur Pannadevi College	Office Management & Secretarial Practice
Gokhale Memorial Girl's College,Viharilal College of Home Science, A.P.C. College, Surendranath College for Women, Jogamaya Devi College, Loreto College, St. Paul's C.M. College, Serampore College	Communicative English
S.A. Jaipuria College	Functional Hindi
S.A. Jaipuria College, F. C. College, Bagnan College, Netaji Nagar College	Tax Procedures and Practices

Gokhale Memorial Girl's College, A.P.C. College, Mrinalini Dutta Mahavidyapith, Panihati Mahavidyalaya	Advertising and Sales Promotion & Sales Management
Ramkrishna Mission Vivekananda Centenary College, Dinabandhu Andrews College	Sericulture
R . K. Mission Vidyamandir	Industrial Chemistry
St. Xaviers College	Mass Communication & Video Production
Scottish Church College	Food Science & Quality Control
Bangabasi College of Commerce	Principles & Practice of Insurance
Dum Dum Motijheel College	Instrumentation
The Bhowanipore Education Society College	Computer Maintenance
Surendranath Evening College	Electronic Equipment Maintenance
Sundarban Hazi Desarat College	Forestry and Wild Life Management

5.2.13 HIGHLIGHTS OF THE ACTIVITIES OF THE UNIVERSITY DURING 2003-2004

- Institutional support from the UGC engenders real enthusiasm in the University community for original research. The academic mapping of the university records changed contours with the changing contours of higher education in the country. The University has introduced some more new disciplines in P.G areas in the past two years : M. Tech in Information Technology, M.A. in South and South East Asian Studies and M.Phil. in Library and Information Science, P.G.Diploma Course in Microwave and Milimeter Wave Technology, Certificate Course in Forensic Anthropology and a Diploma Course in Film and Television.. All these are indications of the University's growing sensitivity to the need of introducing courses in emerging areas, drawing teachers from conventional and established Departments.

- At the Undergraduate level, 67 colleges were granted affiliation in different new subjects in B.A., B.Sc. and B.Com. courses in this academic year. A B.Sc. Honours Course in Biochemistry and a B.A., B.Sc., Major course in Forestry and Wildlife Management have been introduced in this academic year.

- The NAAC has accredited the University with FIVE STAR status on the strength of an

overall institutional score above 75% on 21.05.2001. From 2003, while evaluating a University, NAAC first assigns scores on several different criteria, one of which is Research. Then it calculates a simple average of these different scores to arrive at the overall index value for a University. However, more disaggregated datas now available show that Calcutta University's score on the count of research was not only the highest among the scores of universities in this part of the country but among the highest in the entire country.

- The Placement Cell of this University has been giving excellent service to the students community. 26 Companies/reputed organisations have conducted campus interviews and selection tests and have recruited 130 students from our campuses.

- In 2003, Three of our teachers have been honoured by national academies. Professor Chanchal Kumar Dasgupta of the Department of Biophysics Molecular Biology and Genetics and Professor Amitabha Raychowdhury of the Department of Physics have been honoured with the Fellowship of the National Academy (F.N.A.). Professor Dhrubajyoti Chattopadhyay of the Department of Biochemistry has been awarded the Fellowship of Indian Academy of Sciences (F.A.Sc.).

5.3 JADAVPUR UNIVERSITY (1955)

The main campus of the university is located at Jadavpur in the southern part of Calcutta. The university also has a campus at Salt Lake. It conducts both under-graduate and post-graduate courses and offers doctoral programmes.

The Jadavpur University owes its origin to the Dawn Society, established in 1902 by Shri Satish Chandra Mukherjee. The society was the result of the national upsurge for the liberation of education from British domination. The vision of the Dawn Society took a practical shape in the birth of the National Council of Education on the 11th of March, 1906. The objective of the Council was "to impart education, literary and scientific as well as technical and professional on national line and exclusively under national control, not in opposition to, but standing apart from the existing system of primary, secondary and collegiate education, attaching special importance to a knowledge of the country, its literature, history and philosophy and designed to incorporate with the best Oriental ideals of life and thought, the best assimilable ideals of the West, and inspire students with a genuine love for and desire to serve the country". This statement made nearly fifty years before the independence of India remains relevant even today. Another institution especially meant for technical education was started simultaneously by Sri Tarak Nath Palit, which was later amalgamated with the National Council of Education in 1910. Thus came into being the Bengal National College, which was renamed the College of Engineering and Technology in 1928. The college attained its present status of a university on 24th December 1955 with three faculties of Arts, Science and Engineering & Technology.

5.3.1 FACULTIES & DEPARTMENTS

UNDER-GRADUATE COURSES :

A. Faculty of Science :

B.Sc. Hons. (Day Course) – 3 years (6 Semes.)

Chemistry, Geological Science, Mathematics, Physics.

B. Faculty of Arts :

B.A. Hons. (Day Course) – 3 years (6 semes.)

Bengali, Comparative Literature, Economics, English, History, Library & Information Science, Philosophy, Physical Education. Political Science, Sanskrit.

B.A. Hons. (Eve. Course) – 1 Year examination system

Library & Information Science.

C. Faculty of Engineering & Technology :

B.E. (Day Course) – 4 years (8 semes.)

Chemical Engineering, Civil Engineering, Computer Sc. & Engineering, Construction Engineering, Electrical Engineering, Electronics & Telecommunication Engineering, Information Technology, Instrumentation Engineering, Mechanical Engineering, Metallurgical Engineering, Pharmaceutical Technology, Power Engineering, Printing Engineering, Production Engineering.

B.Tech. (Post B.Sc.) (Day Course) – 3 years (6 semes.)

i. Food Tech. & Bio-Chem Engineering

ii. Instrumentation Engineering

Architecture Engineering (Day Course) – 5 years (10 semes.)

B.E. (Eve.) – 1st year 2 semes. other final semes.

Civil Engineering, Electrical Engineering, Mechanical Engineering.

POST-GRADUATE COURSES :

A. Faculty of Science :

M.Sc. (Day Course) – 2 years (4 Semes.)

Applied Geology, Chemistry, Electronics Science, Mathematics, Physics.

M. Tech. in Bio-Technology – 1½ years (3 semes.)

M.Phil. in Environmental Science.- 2 years

M.Sc. Course (Evening) – 3 years (6 semes.)

Chemistry , Mathematics & Physics.

B. Faculty of Arts :

M.A. Hons. (Day Course) – 2 years (4 semes.)

Bengali, Comparative Literature, Economics, English, Film Studies, History, International Relation, Library & Information Science, Philosophy, Physical Education., Sanskrit.

M.A. Course (Evening) .- 3 years (6 semes.)

Bengali, Economics, English, History, Philosophy

C. Faculty of Engineering & Technology :

M.E. /M.Tech./ M.Arch. / M.Pharm. – 2 years (4 semes.)

Architecture Engineering, Chemical Engineering, Civil Engineering, Computer Sc. & Engineering, Electrical Engineering, Electronics & Telecommunication Engineering, Food Technology & Biochemical Engineering, Instrumentation Engineering, Mechanical Engineering, Metallurgical Engineering, Master of Bio-Medical Engineering, Master of Cont. Sys. Engineering, Master of Water Resource Engineering, M.Tech. in Energy Science & Technology, M.Tech. in Met.Engg., M.Tech in Software Engineering, Pharmaceutical Technology, Production Engineering.

Master in Computer Application (MCA) – 3 years (6 semes.)

M.Tech. in Computer Technology (Eve.) – 2½ years (5 semes.)

D. M.Phil. in Arts – 2 years.

Bengali, Comparative Literature, Economics, English, History, International Relation, Philosophy, Sanskrit, Sociology, Women Studies.

E. Following Languages courses are also conducted by the University –

i. Bengali, ii. French, iii. German, iv. Hindi. v. Italian, vi. Japanese, vii. Portugese, viii. Russian, ix. Sanskrit, x. Spanish, xi. Tamil.

5.3.2 INTERDISCIPLINARY SCHOOL

i) Advanced Studies on Industrial Pollution Control Engineering, ii) Archaeological Dating, iii) Bio-Science & Engineering, iv) Education Technology, v) Environment Studies, vi) Energy Studies, vii) International Relations and Strategic Studies, viii) Illumination Science, Engineering & Design, ix) Media Communication & Culture, x) Material Science and Technology, xi) Oceanographic Studies, xii) Water Resources Studies, xiii) Women's Studies, xiv) Laser Science & Engineering, xv) Natural Product Studies, xvi) School of Cultural Texts & Records, xvii) School of Linguistic & Language Technology.

5.3.3 CENTRES FOR STUDIES

1. Ambedkar Studies, 2. Cognitive Science (Philosophy), 3. Computer Aided Design (Computer Sc. & Engg.), 4. Condensed Matter Physics Research (Physics), 5. Counseling Service & Studies in Self-Level. (Philosophy), 6. Distributed Computing (Computer Sc. & Engg.), 7. European Studies (History), 8. Human Settlement Planning (Architecture), 9. IC Design and Fabrication (E.T.C.E.), 10. Indology (Sanskrit), 11. Knowledge Based System (Elec. Engg., Jupiter Bldg), 12. Marxian Studies (Economics), 13. Mathematical Biology & Ecology (Mathematics), 14. Micro-Processor Application (Computer Sc. & Engineering),15. Nuclear and Particle Physics Research (Physics), 16. Plasma Studies, 17. Quality Management System (Mech. Engg.), 18. Refugee Studies (International Relation), 19. Relativity and Cosmology (Physics), 20. Surface Studies (Chemistry), 21. Tagore Studies (Bengali), 22. Transport Studies (Civil Engg.), 23. Welding Studies (Met. Engg.), 24. Power & Industrial Management (Mech. Engg.), 25. Thermal Power & Process Management (Mech. Engg.), 26. Language Courses (Evening), 27. Yoga, 28. V. Ravi Chandran Centre for Pharmaceutical Science.

5.3.4 AFFILIATED COLLEGES / INSTITUTES

Sl.No.	Name of the College / Institution
1.	Jadavpur Vidyapith College of Education
2.	Smt. J.D. Birla Institute
3.	Institute of Business Management
4.	Marine Engineering and Research Institute (Only courses affiliated)

5.3.5 NSS ACTIVITY DURING 2003-2004

Sl. No.	Title of Activity	Venue	No. of Participants	Date	
				From	To
1.	Activity of street children collecting and Delivering Medicine of CRY	J. U.	50	24.04.03	
2.	World Environment Day (Workshop) J.U. Mech.	J.U. Mech. Engg. Seminar Room	2000	1.06.03	
3.	Group Discussion on Community Development Programme (Basti)	A.T. Chatterjee Basti Club House	200	1.06.03	

4.	Exhibition of photography on World Environment Club	J.U. Photography Club	1000	5.6.2003	6.6.03
5.	Distribution of Book to the needy students of Adopted Basties Club	J.U. Photography	1000	10.07.03	
6.	Counseling for self Development and to curb ragging	J.U. Main Hostel A2 Block T.V. Room	300	17.07.03	
7.	Clean Environment Drive	J.U. Main Hostel Campus	50	31.07.03	2.09.03
8.	Supporting diseased person by providing Blood Donation card on regular Basis				
9.	Student / Youth Training on AIDS	Kalyani University	10	6.09.03	7.09.03
10.	Group Discussion on AAYA Training	Netaji Basti	200	8.09.03	
11.	Community Youth Training on HIV/AIDS	Kalyani University	8		
12.	National Integration Camp (Women)	Madurai Kamraj University	11	11.09.03	17.09.03
13.	Indian culture awareness Programme including Kaththak Dance by Uma Sharma, Padmashree Awardee	Gandhi Bhavan J.U.	800	15.09.03	
14.	Survey and Awareness Programme on AIDS	A.T.Chatterjee Basti & Netaji Basti	10	15.9.03	20.09.03
15.	Regular Cleaning and beautification of University and Adopted village	MUKUNDAPUR KALIKAPUR Netaji Basti	550	2.04.03	6.09.03
16.	Quiz Competition including HIV/AIDS	Indoor	100	23.08.03	
17.	Anti-malaria Drive	A.T.Chatterjee Basti	50	10.4.03	19.4.03

18.	Beautification and Environment Awareness Camp	Netaji Basti	50	27.05.03	5.06.03
19.	Interaction and Health Awareness	Joinpur Boonhoogly Kolkata	50	27.05.03	5.06.03
20.	Cleaning and Environment Awareness Camp	J.U. Main Campus (O.A.T.)	50	11.06.03	23.06.03
21.	Youth for Swachhata	Campus (O.A.T.)	50	15.07.03	24.07.03
22.	Cleaning and Beautification	J.U. Main Hostel Campus	50	28.07.03	6.08.03
23.	Tree Plantation	J.U. Main Campus & Dhakuria area	50	28.07.03	6.08.03
24.	Beautification and Cleaning Drive	Jodhpur	50	12.08.03	21.08.03

5.3.6 HIGHLIGHTS OF ACTIVITIES DURING 2003-2004

1. This year Jadavpur University is the First Indian University to earn SYLFF (Sasakawa Young Leaders Fellowship Fund) status and received an endowment of one million US dollars from the Nippon Foundation. Mr. Yohei Sasakawa, President of the Nippon Foundation formally awarded the 67th SYLFF endowment to Jadavpur University on November 12, 2003.

2. All India Council for Technical Education (AICTE) has approved full-time 4-semester P.G. Courses in Water Resource and Hydraulic Engineering and Information Technology (Courseware Engineering) during the period under review. The first course has started from the current academic session whereas the second one which will be the first of its kind in India in Multimodal Digital Distance Education Format will start shortly. Diploma courses in Hindi and Spanish have been started from this year under the Language Centre of the Faculty of Arts.

3. The Industry-Institute Partnership Cell (IIPC) of the University has been engaged for the last few years in multi-dimensional activities in fulfilling the growing needs of the industries particularly in the context of competitive market throughout the world. During the last one year, our experts have rendered services on Research and Development for process and product, consultancy, testing and analysis to about 135 Organisations both in private and public sectors and government departments.

4. IIPC has been offering consultancy services in connection with the construction of a new Airport at Pankyong, Sikkim for which faculty members of the Civil Engineering Department have been engaged by IIPC to act as experts.

5. School of Bio-Science & Engineering and Industry-Institute Partnership Cell, Jadavpur University have been running an extension service to train young people for the global job market on IT ENABLED SERVICE related to Basic Medical Transcription Training Programme.

6. An advanced course on Computer Aided Design in Engineering for engineers and professionals was conducted in association with the Mechanical Engineering Department for 12 weeks during the year.

7. The Distance Education Council (DEC) of the Government of India has selected Jadavpur University for establishing a Centre/ Directorate of Distance Education.

8. The first herbal aromatic medicinal plant garden has been set up at Jadavpur University in collaboration with Herbicure (P) Ltd., Kolkata, under the supervision of Dr. Tapan Kr. Chatterjee, Research Scientist of the University.

9. Department of Architecture has been selected as architectural education in the country for Early Faculty Induction Programme (EFIP) by the AICTE and Council of Architecture. Further, the Department has won several awards in the Annual Zonal Convention of the Students of Architecture (ZONASA) held at Bhubaneshwar in October, 2003.

10. Department of Adult, Continuing Education and Extension has been offering 28 Courses at present has designed five more new courses this year depending on the needs of the society. These are :

    i) Post-Graduate Diploma in Bio-Informatics in collaboration with CMC.

    ii) Post-Graduate Diploma in Software Engineering & Business Management in collaboration with Globsyn Technologies.

    iii) Certificate Course in Community Management in collaboration with Indian Association.

    iv) Certificate Course in Reporting and Editing in collaboration with Vivekananda College for Women Training Centre.

    v) Post-Graduate Diploma in Herbology.

11. Department of Physical Education organized 'SPORTSMEDCON – 2003, the fourth Annual Conference of the West Bengal Association of Sports Medicine and a Seminar on 'Role of Sports Medicine on Athletes and Athletes Performance' on 18-19th January, 2003.

12. Some faculty members have won awards and recognition in the last year for outstanding contribution in their respective fields.

13. Professor Amitava Dutta of the Department of Physics has been elected a Fellow of the Indian National Science Academy (INSA).

14. Professor Arabinda Ghosh of the Department of Geological Sciences and his team of research workers have completed successfully two assignments, namely i) Study of Basin Analysis and ii) Study of Floral Assemblage in South Karanpura Coalfield in collaboration with Central Coalfields Limited.

15. Dr. Amitava Chatterjee of the Department of Electrical Engineering was awarded the Japanese Government Scholarship- 2003 in the field of 'Robotics' and carried out his research studies in Saga University, Japan.

16. Professor Samiran Choudhuri of the Department of Electrical Engineering has been nominated as i) Chairman, Task Force on Energy, Federation of Engineering Organisation of South & Central Asia (FIESCA). ii) Member, Task Eorce on Energy, World Federation of Engineering Organisation (WFEO).

17. Professor Bijan Sarkar of the Department of Production Engineering has been elected Honorary Treasurer of the Operational Research Society of India (ORSI) for the year 2003-2004.

18. Professor Bijan Sarkar, Prof. Sanat Kumar Mukherjee (On lien) and Shri Arijit Bhattacharya of the Department of Production Engineering were conferred 'Best Paper Award' for 2003 by the Indian Institution of Industrial Engineering (IIIE) for their paper published in Industrial Engineering Journal.

19. Dr. Ms. Smita Sadhu (Ghosh) of the Department of Electrical Engineering has been selected for the Tata Rao Prize by the Institution of Engineering (India) for her paper, co-authored with Prof. T. K. Ghoshal of the same department, published in the Electrical Engineering Division of the Journal of the Institution as the best annual paper.

20. Professor. A. K. Bandyopadhyay of the Department of Pharmaceutical Technology has received Acharya P. C. Roy Gold Medal for his outstanding contribution in the profession of Pharmacy. He has also been nominated by the U.G.C as a member of the Pharmacy Council of India.

21. Dr. Tarun Jha of the Department of Pharmaceutical Technology has been selected a member of the Advisory Board of Internet Electronic Journal of Molecular Design.

22. Dr. Kunal Roy of the Department of Pharmaceutical Technology has been awarded development grant by FIP (International Pharmaceutical Federation) of the Netherlands. He has also been invited as a Guest Editor for a special issue (Topological Descriptors in Drug Design and Modeling Studies) of *Molecular Diversity* and elected a member of the Indian Editorial Board of the Journal *Chemistry : An Indian Journal.*

23. Professor. D. C. Patranabis of the Department of Instrumentation & Electronics Engineering has received "Lifetime Achievement Award" from ISA (Instrumentation, Systems & Automation Society), U.S.A. for his outstanding contribution to the field of Instrumentation Engineering.

24. Dr. Rajat Acharyya of the Department of Economics has been awarded GDN- Research Medal for the best research paper 'Globalization and Poverty' selected from amongst more than 200 research papers across the globe.

25. Dr. Soumitra Basu of the Department of Bengali has been selected as a member of the General Council of the Sahitya Academy. He has obtained *Sayak Puraskar* as the Playwright of the play *Murkir Handi*. Further, he obtained Best Playwright's Award from Paschimbanga Natya Academy, Department of Information & Cultural Affairs, Govt. of West Bengal for the same play.

26. Mr. Bibhas Chandra Dhara of the Department of Information Technology has acted as a reviewer in the 5th International Conference on Advances in Pattern Recognition held in Kolkata in December, 2003.

27. Professor N. Som of the Department of Civil Engineering has been elected a Fellow of the Indian National Academy of Engineering (FINAE) for his distinguished contributions to Engineering.

28. Dr. Nabinbaran Manik of the Department of Physics has been awarded the BOYSCAST Fellowship by the Department of Science and Technology, Govt.of India for research in the area of Electronic Materials and Processing at IFW Dresden, Germany.

29. Professor P. Bhattacharyya of the Department of Chemical Engineering has been nominated by the Govt. of West Bengal as a Member of the Pollution Control Appellate Authority.

30. Mr. Bikramjit Gupta, an ex-student and currently a Guest Faculty in the Department of Film Studies has won the Best Fiction Film Award at the Second International Video Film Festival, Thiruvananthapuram, 2003 for his film *Laden is Not My Friend*.

31. CII TDB TNET (Technology Transfer Network of the Confederation of Indian Industries in collaboration with Steinbeis Foundation of Germany), Jadavpur University centre, under the Directorship of Prof. Samiran Choudhuri of the Department of Electrical Engineering, has been declared as a "Model Centre".

32. The members of the Mountaineering and Hiking Club organized a trek for the seniors from 2nd October to 14th October, 2003 at Harkidur, Gangotri Region and a Freshers' trek at Gochala from 17th to 27th October, 2003. The members also organized a Rock Climbing Course at 'Mathaburu' Hills in Purulia in February, 2003. Besides, several practices were conducted at Susunia, Jayachandi, Ghatsila and Mathaburu.

33. Sri Pinakesh Das, a P.G. student of the Department of Mathematics who has successfully crossed the Straits of Gibraltar on 22nd September of this year as the fourth Indian expeditor. Starting from Tarifa, an island of Spain he covered a distance of 10 nautical miles (about 21 kms.) to end his journey at Puntacires of Morocco. Kudos to Pinakesh!

34. Counseling service to the members of the University which was hitherto provided by the Counseling Cell since 1995 has been taken over by the newly formed 'Centre for Counseling Services and Studies in Self-development'. This centre has initiated several programmes, including Students' Enrichment Programmes for fresh entrants. It has also been providing group Counseling and Orientation services to combat ragging on the campus - a unique and novel method to eliminate menace of ragging altogether.

35. During this year, the Department of Science & Technology, Government of India has extended support to three of our major Departments under its FIST (Funding for Improvement of Science & Technology Infrastructure in University) programme. Our Departments of Mathematics, Metallurgical Engineering & Physics have received Rs.32.00 lakhs, Rs.45.00 lakhs and Rs. 60.00 lakhs respectively.

36. The University Grants Commission has sanctioned a total grant of Rs.742.75 lakhs for the tenth plan (2002- 2007) period towards construction of buildings, purchase of Books & Journals, Equipments & Faculty recruitment. An amount of Rs. 150 lakhs has already been released to the University.

37. Different funding agencies like UGC, AICTE, CSIR, DOE, DST, DRDO, DAE, ICMR, DBT, ISRO and others have released Rs.652.19 lakhs primarily for research purposes.

38. The University Grants Commission has allocated a sum of Rs.2.00 lakhs for establishment of an Administrative Staff Training Centre to be located at the Salt Lake Campus for training of the administrative staff of the University including officers.

39. The Universidade Estadual do Maranhao (UEMA), located at Sao Luis, Maranhao, Brazil has entered into a memorandum of understanding with our University wishing to develop cooperative relations on the basis of established contacts and mutual understanding, especially to help UEMA in establishing new Departments of Information Technology, Pharmaceutical Technology and Food Technology in the first phase and to extend to other areas as and when required by UEMA.

UNIVERSITIES

40. Three Departments of our University, namely, Computer Science and Engineering, Electrical Engineering and Power Engineering along with the School of Education Technology are participating in an International Project funded Rs.70 lakh by the European Commission on a Web-enabled Integrated Optimisation Software with Brunel University, London, University of Vienna, Austria and I.I.T. Mumbai.

41. Two second- year students of the Department of Printing Engineering have been offered Golden Jubilee Award and Scholarships by the All India Master Printers' Association.

42. Jadavpur University has introduced a unique programme of Visit-US Summer Internship Exchange Programme for its undergraduate and post graduate students from 2003.

43. Commencing from September,2003, Staffordshire University, U.K. and Jadavpur University have launched a three-year M.A. Programme in Sustainable Development in distributed learning mode which will allow students to study while working full-time having financial support from the Commonwealth Scholarship Division.

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46. A team led by Professor M. Mitra, Dean Faculty of Engineering and Technology and Professor A. K. Banerjee, Head of the Department of Pharmaceutical Technology visited Brazil in 2003, at the invitation of the Governor of Maranhao State with active cooperation of Mr. Amitava Tripathi, Indian Ambassador to start programmes of IT, Pharmacy and Food Technology in their University.

47. This year a large number of conferences, seminars, workshops and training programmes have been organized by the different departments, schools and centres.

5.4 RABINDRA BHARATI UNIVERSITY (1962)

The Rabindra Bharati University was founded on May 8, 1962 under the Rabindra Bharati Act to mark the birth centenary of poet Rabindranath Tagore. Its main objective is " to encourage in conformity with the ideas and thoughts of Rabindranath Tagore, the integration of cultural heritage of the nation consistent with its linguistic and socio-economic history and to enable it to function more efficiently as a University encouraging and providing for instruction, teaching, training and research...". The Maharshi Bhaban and Bichitra located at Jorasanko Complex of the University houses (i) a biographical museum on Tagore and aspects of the Bengal Renaissance; (ii) three Art galleries–the first one exhibiting Tagore's paintings (original), the second the portraits and personal effects of the family and the third the paintings of the Bengal School painters, notably Abanindranath Tagore, Nandalal Bose, Jamini Roy, Ramkinkar Baij etc.

5.4.1 *FACULTIES & DEPARTMENT :*

A. FACULTY OF ARTS (B. T. Road Campus or Emerald Bower)

(i) Course – B. A. (Hons.) (3 – year)
Subject : 1. Bengali, 2. Economics, 3. English, 4. History, 5. Philosophy, 6. Sanskrit, 7. Political Science.

(ii) Course – M. A. (2 – year)
Subject : 1. Bengali, 2. Economics, 3. English, 4. History, 5. Philosophy, 6. Sanskrit, 7. Political Science, 8. Education.

(iii) Course – B.Ed. (1 year)
Subject : Education

(iv) Course - B.LISc. (1 year.)
Subject : Library & Inf. Sc.

(v) Course - Diploma in Tagore Literature (1 year)
Subject : Bengali

(vi) Course – M. Phil. (2 – year)
Subject : 1. Bengali, 2. English, 3. Philosophy, 4. Sanskrit.

B. FACULTY OF FINE ARTS (Jorasanko Campus)

(i) Course – B. A. (Hons.) (3 – year)
Subject : 1. Dance, 2. Drama, 3. Instrumental Music, 4. Percussion, 5. Rabindra Sangeet, 6. Vocal Music

(ii) Course – B. A. (Spl. Hons.) (2 – year)

Subject : 1. Dance, 2. Drama, 3. Instrumental Music, 4. Percussion, 5. Rabindra Sangeet, 6. Vocal Music

(iii) Course – Senior Diploma (3 year)

Subject : 1. Dance, 2. Drama, 3. Instrumental Music, 4. Percussion, 5. Rabindra Sangeet, 6. Vocal Music

(iv) Course – Junior Diploma (2 year)

Subject : 1. Dance, 2. Drama, 3. Instrumental Music, 4. Percussion, 5. Rabindra Sangeet, 6. Vocal Music

(v) Course – M. A. (2 – year)

Subject : 1. Dance, 2. Drama, 3. Instrumental Music, 4. Percussion, 5. Rabindra Sangeet, 6. Vocal Music, 7.Musicology, 8. Mass Communication & Videography

C. FACULTY OF VISUAL ARTS (Jorasanko Campus)

(i) Course - Bachelor of Visual Arts (BVA) – (4 - Year)

Subjects : 1. Applied Art, 2. Graphics, 3. Sculpture, 4. History of Art, 5. Painting

(ii) Course - Master In Visual Arts (MVA) - (2 - Year)

Subjects : 1. Applied Arts, 2. Graphics, 3. Sculpture, 4. History of Art, 5. Painting

D. Other Courses :

i) Ph. D. in all subjects of Arts, Fine Arts & Visual Arts Faculties.

ii) D. Litt.

5.4.2 Other Sponsored Centres for Study and Research :

1. Centre for Tagore Studies.
2. School of Vedic Studies (Zonal Advance Centre).
3. Centre for Gandhian Studies.
4. Centre for Dr. Radhakrishnan Studies.
5. Centre for Mass Communication and Videography.

Originally these centres were sponsored by the U.G.C. but at present the liability is borne by the State Govt.

5.4.3. Other Establishments at Jorasanko Campus

A. The West Bengal State Academy of Dance, Drama, Music and Visual Arts

B. Biographical Museum on Poet Tagore and Bengal Renaissance.

C. Art Gallery : (i) Tagore's Paintings, (ii) Family Portraits, (iii) Bengal School of Paintings.

The Centre for Adult, Continuing Education and Extension, Community Services, National Service Scheme, Rabindra Bharati Sanskrit Prachar Prakalpa — 2 centres.

5.4.4 No. of Affiliated Institutions :

Art College - 1(Indian College of Art and Draughtmanship)

Course - B.V.A. (Hons.)

5.4.5 D.Litt./ Ph.D. Programme

i) Ph.D. Programme : Bengali, English, History, Philosophy, Political Science, Economics, Sanskrit, Painting, Dance, Vocal Music, Drama, Instrumental Music, Rabindra Sangeet, History of Art, and Visual Art.

ii) M. Phil Programme : (2 Year) - Bengali, English, Philosophy, Sanskrit.

5.4.6 ELIGIBILITY FOR ADMISSION TO DIFFERENT COURSES

FACULTY	DEPARTMENT	COURSES	DURATION	ELIGIBILITY
FINE ARTS FACULTY	INSTRUMENTAL MUSIC AND PERCUSSION	i) B.A.(Hons.)	3 year	H.S.(+2) or its equivalent and special aptitude in this subject.
		ii) B.A.(Spl. Hons.)	2 year	Graduate in any subject and special aptitude in this subject.
		iii) M. A.	2 year	B.A.(Hons./Spl.Hons.) in this subject from any UGC recognised University.
		iv) Ph.D.	2-5 year	M.A. in Instrumental Music.

	RABINDRA SANGEET (Day)	i) B.A.(Hons.)	3 year	H.S.(+2) or its equivalent and special aptitude in Rabindra Sangeet.
		ii) B.A.(Spl. Hons.)	2 year	Graduate in any subject and special aptitude in Rabindra Sangeet.
		iii) M.A.	2 year	B.A.(Hons./Spl.Hons.) in Rabindra Sangeet or in any subject with special aptitude in Rabindra Sangeet.
		iv) Ph.D	2-5 year	M.A. in Rabindra Sangeet from any UGC recognised University.
	VOCAL MUSIC	i) B.A.(Hons.)	3 year	H.S.(+2) or its equivalent and special aptitude in Vocal Music.
		ii) B.A. (Spl. Item)	2 year	Graduate in any subject and special aptitude in Vocal Music.
		iii) M.A.	2 year	B.A.(Hons./Spl.Hons.) in Vocal Music or any subject with special aptitude in Vocal Music from any UGC recognised University.
		iv) Ph.D	2-5 year	M.A. in Vocal Music from any UGC recognised University.
	DRAMA	i) B.A.(Hons.)	3 year	H.S. (+2) or its equivalent with special aptitude in Drama
		ii) B.A. (Spl. Hons.)	2 year	Graduate in any subject with special aptitude in Drama.
		iii) M.A.	2 year	B.A.(Hons./Spl.Hons.) in Drama or any subject with special aptitude in Drama from any UGC recognised University.
		iv) Ph.D.	2-5 year	M.A. in Drama from any UGC recognised University.

	DANCE	i) B.A.(Hons.)	3 year	H.S.(+2) or its equivalent with special aptitude in Dance.
		ii) B.A. (Spl. Hons.)	2 year	Graduate in any subject with special aptitude in Dance.
		iii) M.A.	2 year	B.A.(Hons./Spl.Hons.) in Dance or any other subject from any UGC recognised University with special aptitude in Dance.
		iv) Ph.D.	2-5 year	M.A. in Dance from any UGC recognised University.
	MUSICOLOGY	M.A.	2 year	B.A.(Hons./Spl.Hons.) in any subject from any UGC recognised University
	MASS COMM-UNICATION & VIDEOGRAPHY	M.A.	2 year	B.A.(Hons./Spl.Hons.) in any subject from any UGC recognised University
ARTS FACULTY	BENGALI	i) B.A.(Hons.)	3 year	H.S.(+2) or its Equivalent with Bengali as a Compulsory Subject.
		ii) M.A.	2 year	B.A.(Hons.) in Bengali from any UGC recognised University.
		iii) M.Phil.	2 year	M.A. in Bengali from any UGC recognised University with at least 50% marks.
		iv) Ph.D.	2-5 year	M.A. in Bengali from any UGC recognised University.
	ECONOMICS	i) B.A.(Hons.)	3 year	H.S.(+2) or its equivalent with Economics Math/Eco-Geo as a compulsory subject.
		ii) M.A.	2 year	B.A.(Hons.) in Economics from any UGC recognised University.
		iii) Ph.D.	2-5 year	M.A. in Economics from any UGC recognised University.

	EDUCATION	i) M.A.	2 year	B.A.(Hons.) in Education or Hons. Graduate in any subject with B.Ed. from any UGC recognised University.
		ii) B.Ed.	1 year	Graduate/Post graduate from any UGC recognised University.
		iii)Ph.D.	2-5 year	M.A./ M.Sc. in Education.
	ENGLISH	i) B.A.(Hons)	3 Year	H.S. (+2) or it's equivalent with English as a compulsory subject.
		ii) M.A.	2 Year	B.A.(Hons.) in English from any UGC recognised University.
		iii) M.Phil.	2 Year	M.A. in English from any UGC recognised University wilh at least 50% marks.
		iv) Ph.D	2-5 Year	M.A. in English from any UGC recognised University
	PHILOSOPHY	i) B.A.(Hons)	3 Year	H.S. (+2) or it's equivalent with Philosophy as a compulsory subject.
		ii) M.A.	2 Year	B.A. (Hons.) in Philosophy from any UGC recognised University.
		iii) M.Phil.	2 Year	MA in Philosophy from any recognised University wilh at least 50% marks.
		iv) Ph.D	2-5 Year	M.A. in Philosophy from any UGC recognised University
	LIBRARY & INFORMATION SCIENCES	B.LISc.	1- year	Graduate from any UGC recognised University with special aptitude in Library & Information Science. (Through Admission Test)

	HISTORY	i) B.A.(Hons.)	3 year	H.S. (+2) or it's equivalent with History as a compulsory Subject.
		ii) M.A.	2 year	B.A. (Hons.) in History from any UGC recognised University.
		iii) Ph.D.	3- year	M.A in History from any UGC recognised University.
	POLITICAL SCIENCE	i) B.A. (Hons.)	3 year	H.S.(+2) or its equivalent with Political Science as a compulsory Subject.
		ii) M.A.	2 year	B.A.(Hons.) in Political Science from any UGC recognised University.
		iii) Ph.D.	2-5 year	M.A. in Political Science from any UGC recognised University.
	SANSKRIT	i) B.A. (Hons.)	3 year	H.S.(+2) or its equivalent with Sanskrit as a compulsory Subject.
		ii) M.A.	2 year	B.A.(Hons.) in Sanskrit from any UGC recognised University.
		iii) M.Phil.	2 year	M.A. in Sanskrit from any UGC recognised University or Archarya from Rashtriya Sanskrit Sansthan with 50% marks.
		iv) Ph.D.	2-5 year	M.A. in Sanskrit from any UGC recognised University.
VISUAL ARTS FACULTY	PAINTING	i) BV.A.	4 - Year	H.S.(+2) equivalent Exam. (age 23 years).
		ii) M.V.A.	2 - year	B.V.A. in painting from any UGC recognised University.
		iii) Ph.D.	2-5 year	M.V.A. in Painting from any UGC recognised University.

	SCULPTURE	i) B.V.A.	4 - Year	H.S.(+2) its equivalent Exam. with special aptitude in the relevant field.
		ii) M.V.A.	2 - year	B.V.A. in Sculpture from any UGC recognised University.
		iii) Ph.D.	2-5 year	M.V.A. in Sculpture from any UGC recognised University.
	GRAPHICS (Print making)	i) B.V.A.	4 - Year	H.S.(+2) its equivalent Exam. with special aptitude in the relevant field.
		iii) Ph.D.	2 - year	B.V.A. in Graphics from any UGC recognised University.
		ii) M.V.A.	2-5 year	M.V.A. in Graphics from any UGC recognised University.
	APPLIED ART	i) B.V.A.	4 - Year	H.S.(+2) its equivalent Exam. with special aptitude in the relevant field.
		ii) M.V.A.	2 - year	B.V.A. in Applied Art.
		iii) Ph.D.	2-5 year	M.V.A.in Applied Art from any UGC recognised University.
	HISTORY OF ART	i) B.V.A.	5 - Year	H.S.(+2) its equivalent Exam. with special aptitude in the relevant field.
		ii) M.V.A.	2 - year	B.V.A. in History of Art from any UGC recognised University.
		iii) Ph.D.	2-5 year	M.V.A. in History of Art from any UGC recognised University.

5.4.7 Participation in Seminar/Conference during 2003-2004

Sl. No.	Participant	Seminar/Conference	Venue	Date
1.	Sri Nabanarayan Bandyopadhyay, Director (Acting), School of Vedic Studies	"12th World Sanskrit Conference to be held at the University of Helsinki"	Helsinki, Finland	July 14-18,2003
2.	Dr. Asit Kr. Das, Secretary, Faculty Councils	"ICASE 2003 World Conference on Science and Technology Education"	Penang, Malaysia	April 7-10,2003
3.	Sri Susanta Das, Lecturer, Deptt. of History	"64th Session of Indian History Congress at University of Mysore"	Mysore	December 28-30, 2003

5.4.8 Major Research Projects during 2003-2004

Researcher	Topic of the Research
Dr. Mahua Mukherjee	"Dhrupadi Nritya during Pala and Sena Period (8th-12th Century A.D.) of Bengal"
Dr. Bhaskarnath Bhattacharyya	"Editing and Study of Amrtavindu with its Commentary - An unpublished Treatise of Prabhakara Mimansa"

5.4.9 Highlights of Activities during 2003-2004

1. Joint Cultural Programme, was organized successfully at Jorasanko Campus between Visva Bharati and Rabindra Bharati University on 12.03.2003.

2. 28th Convocation of this University was held on 8th May 2003. The Hon'ble Chancellor of our University and Governor of West Bengal, presided over the said convocation.

3. A new art gallery on 'Jorasanko and Japan' had been inaugurated on 5.9.2003 with the financial assistance of the Mitsubishi Corporation at Jorasanko Campus by Prof. Satyasadhan Chakraborty, Hon'ble Minister in Charge, Higher Education Department, Government. of West

Bengal. Consulate General of Japan and other high dignitaries were present at that auspicious moment.

4. Golden Jubilee Regional Seminar of UGC in collaboration with our University was held on 28th and 29th November 2003 at Jorasanko Campus.It was inaugurated by the Hon'ble Chancellor, Sri Viren J Shah of the University.

5. On the visit of Consul-General of Italy, an agreement for academic exchange in the field of Political Science and Visual Arts between this University and three Universities of Italy namely Naples, Venice and Rome is under preparation.

6. Directorate of Distance Education is at present running vibrantly with the objective of extending Higher Education to all. Total 7452 nos. of students had enrolled in the Distance Education programme during the year 2003. A new course named 'Master of Social Work' has been introduced in the Distance Education Programme.

7. University participated in the 'UNIYFEST 2003-2004' in the east zonal level held at Vinoba Bhave, Hazaribagh, Jharkhand in thirteen events and won seven awards. In national 'UNIYFEST' held at Jiwaji University, Gwalior, the University participated in five event won three awards.

8. Annual Art exhibition organized by West Bengal State Akademi of Dance, Drama, Music & Visual Arts in collaboration with Lalitkala Akademi, Rabindra Bhavan, New Delhi was held on and from 23.03.2004 to 30.03.2004 at Jorasanko Campus.

5.5 UNIVERSITY OF BURDWAN (1960)

The University of Burdwan was established under West Bengal Act XXIX of 1959 as a teaching and affiliating university. It started functioning from 15th June, 1960 with six postgraduate teaching departments and thirty under-graduate colleges spread over five districts viz. Burdwan, Birbhum, Bankura, Purulia and Hooghly. The university has expanded gradually and at present, the number of post-graduate departments is 28 and that of affiliated colleges 109. It runs a variety of academic and administrative programmes in respect of teaching, research and other allied activities.

5.5.1 FACULTIES & DEPARTMENTS

POST GRADUATE COURSES :

A. FACULTY OF ARTS, COMMERCE, LAW, MUSIC & FINE ARTS :

Bengali, Business Administration, Commerce, Economics, English, Hindi, History, M.B.A.(Human Resource), Mass Communication, Law, Library & Information Science, Philosophy, Political Science, Sanskrit, Sociology, Tourism Administration.

B. FACULTY OF SCIENCE :

Botany, Chemistry, Computer Science, Geography, Geology, Mathematics, Physics, Statistics, Zoology, Physiology, Environmental Science & Biotechnology.

C. FACULTY OF ENGINEERING & TECHNOLOGY :

The Administration of the Faculty of Engineering & Technology is temporarily looked after by the Regional Engineering College, Durgapur. Four year Degree Course of Studies in Chemical Engineering, Civil Engg. , Electrical Engg., Electronics & Communication Engg., Mechanical Engg. and Metallurgical Engineering. Departments along with P.G. Courses of Industry Oriented studies in Engineering & Technology are offered at the said Constituent College of the University. Two year Master Course in Computer Technology conducted jointly by M/s. CMC Limited, Kolkata and B.U. has been started from the session 2003-2004. Moreover three and five semester M.Tech. Courses, one self-financing evening M.Tech course are also offered at this college.

D. FACULTY OF MEDICINE :

Four year Degree Course of Studies in M.B.B.S and Two year Post-graduate (MD) Gynaecology and Obstetrics (D.G.O) and Ophthalmology (D.O) are offered at Burdwan Medical College, a Constituent College of the University.

Besides, there are Post-graduate Diploma Course (D. G. O. / D. O.) in Gynaecology and Obstetrics and Ophthalmology.

5.5.2 OTHER COURSES

B.Ed. (Sc.); B.L.I.S., LL. B., M. Phil. (Beng., Eng., Eco., Com., Phil., Hist., Pol.Sc., Sans. Environmental Sc. & Zoo.) M. Tech. (in Microwave), P.G. Dip. in Population Education, Cert. Dip and Adv. Dip. Courses in French, German & Russian Languages.

5.5.3 CORRESPONDENCE COURSES : Five academic Professional Courses have newly introduced i.e. (i) MBA in Insurance & Risk Management (ii) B.Sc. in Bio-informatics (iii) B.Sc. in Environmental Sc. (iv) B.A. in Fashion & Apparrel Design & (v) B.A. in Interior Design.

5.5.4 OTHER CAMPUS STUDIES :

A one-year training course leading to a Bachelor of Education Degree in Science is imparted by the Institute of Science Education.

5.5.5 OTHER FACILITIES OFFERED :

A well equipped Science and Instrumentation Centre (USIC) along with Central Instrumentation Facilities (CIF) meets the technical needs of the Postgraduate Science Departments including the researchers.

The Computer Centre of the University provides all sorts of Computer facilities for the students, teachers and research scholars of the University.

5.5.6 THE UNIVERSITY PUBLICATIONS :

The Publication Unit of this University brought out four new publications viz :

(1) Generation & Utilisation of Surplus by the big Land owners of Burdwan by Sri Ajit Haldar.

(2) 'Lokayatik' by Dr. Sudhir Kumar Karan;

(3) Journal of the Department of Pol. Sc. (Vol I), edited by Prof. Anil Baran Ray.

(4) Journal of the Department of History (Vol. V), edited by Prof. Arabinda Samanta.

During the year Publications Unit has also reprinted 'Ramayaner Utsa Krishi" by Sri Jitendranath Bandyopadhyay.

5.5.7 ADULT CONTINUING EDUCATION AND EXTENSION WORK & FIELD OUTREACH :

(a) Processing the works of Post-graduate Diploma in Special Education (Mental Retardation) have been made, (b) It has conducted the Part I & Part II Examinations of PG Diploma in Medical Laboratory Technology Course and convened a meeting for admission of (2003-2005) of same courses, (c) Application received for admission of certificate courses of Mother-Child Care & Family Welfare during the Session 2003-04 and attended a Course Committee Meeting with the guidance of Burdwan Medical College & Sib Shankar Seva Samity, Baburbag, Burdwan, (d) The research paper "Annotated Bibliography in Population and Development Education" was prepared to send to UGC, New Delhi, (e) Director, PERC has taken classes at the ASC, BU and conducted Seminars 20, 21 & 26 September, 2003 respectively, (f) Telephonic & Spot counselling have been conducted in regard to the Drug Abuse, HIV / AIDS & Reproductive and Child health etc. programmes during this month, (g) Population data has been sent to Population Reference Bureau, Washington, USA as requested by the said concern.

5.5.8 Participation in Seminar/Symposium/Workshop activities during 2003-2004

Sl. No.	Department	Name of the Candidate with Designation	Type of Activity	Title of Activity	Venue	Date From To
1.	Bengali	Prof. Biplab Chakraborty	International Conference	International Conference on World Peace	Gujrat Unviersity Ahmedabad	29.12.03-02.01.04
2.	"	do	do	Indian Society for theatre research	Hyderabad	16-18.01.04
3.	Botany	Dr.Joyprakash Keshri Senior Lecturer	National Conference	Biodiversity & Applied Biology of plants	Lucknow University	08-10.10.03
4.	"	Prof. P.K. Bhattacharyya	21st Seminar of the Indian Science Cohgress		Punjab University Chandigarh	03-07.01.04
5.	"	Dr. Joyprakash Keshri Sr. Lecturer	National Symposium	Algai Biology & Biotechnology	Patiala	04-05.02.04
6.	M.B.A.	Dr. P.K.Tripathy, Lecturer	International Seminar	Employment Relations in Future Relations	Bhubaneswar	07-08.02.04
7.	Commerce	Dr. Debasish Sen, Reader	Conference	XXVI All India Accounting Conference	Varanasi	27-28.12.03
8.	"	Dr. Uttam Kr. Dutta, Reader	do	do	do	Do
9.	"	Sri Partha Sarkar, Lecturer	International Sekinar	Employment Relations in Future Relations	Bhubaneswar	07-08.02.04
10.	"	Dr. Tapas Kr. Bose, Reader	National Seminar	Business Environment– The Changing Scenario	Vidyasagar University	14.02.04

11.	Chemistry	Dr. B.K.Ghosh, Reader	Symposium	Modern Trends in Inorganic Chemistry	I.I.T. Bombay	15-17.12.03
12.	"	Dr. Pabitra Chattopadhyay, Lecturer	do	do	do	Do
13.	Computer Science	Sri Biplab Sarkar, (officer) Incharge	Training Programme	Managing & Maintaining UGC INFONET Equipment	New Delhi	02-07.02.04
14.	Economics	Dr. Kausik Gupta, Reader	M.Sc and M.Phil in Sustainable Resource and Env. Management		New Delhi	03.03.04
15.	"	Dr. Rajarshi Mazumdar, Senior Lecturer	do		do	do
16.	History	Dr. Achintya Chattopadhyay, Reader	Indian History Congress	64th Session of the Indian History Congress	Mysore	28-30.12.03
17.	Law	Prof. S.S.Singh	UGC sponsored National Seminar	Globalization Human Rights and Duties Education	Jodhpur	27-29.09.03
18.	Mathema-tics	Dr. Asoke Bhuinia, Reader	5th International Congress	Advances in pattern Recognition	Kolkata	10-13.12.03
19.	"	Sri Sujit Sarkar, Senior Lecturer	International Symposium	Recent Advances in Math. And its Applications	Kolkata Math.Society	20-22.12.03
20.	"	Prof. R.N. Mukherjee	International Conference	APORS	New Delhi	08-10.12.03

21.	"	Prof. N.D. Chakraborty	International Symposium	Recent Advances in Math and Application	Kolkata	20-22.12.03
22.	"	Prof. R.N. Mukherjee	National Conference	Nonlinear Analysis and Application	Aurangabad	24-25.03.04
23.	Philosophy	Dr. Rajat Bhattacharyya Reader	Indian Philosophical Congress	78th session	Muzaffarpur	17-20.10.03
24.	Physics	Dr. S.K.Pradhan, Reader	National Seminar	Crystallography	Pune	08-10.01.04
25.	Lib. & Inf. Science	Sri Tridib Tripathi	National Seminar	Rural Development	Vidyasagar University	18-19.11.03
26.	"	Dr. Amit Bandyopadhyay, Reader	49th All India Library Science Conference of ILA		Jhansi	29.12.03-01.01.04
27.	"	Dr. Subal Ch. Biswas, Professor	22nd Annual Convention & Conf. of SIS- '04		Chennai	21-23.01.04
28.	Zoology	Prof. Subrata Roy	XXII Symposium	Reproductive Biology and comparative Endoctrinology	Chennai	25-27.01.04
29.	"	Dr.G.Chandra	National Seminar	Indian Society	B.U.	07-08.02.04
30.	"	Dr.G.Chandra, Reader	National Seminar	Zoology	C.U.	26-27.03.04
31.	Sociology	Sri Biswajit Ghosh, Reader	Conference	XXIV All India Sociological Conference	M.P. Univ. Udaypur	21-23.12.03
32.	"	Dr. Anirban Banerjee, Reader	National Seminar	Changing Indian Social Justice to peoples Movement	Hyderabad	27-28.02.04

33.	Statistics	Dr. R. N. Das, Lecturer	International Symposium	Emerging strategies for .....Reliability	Kolkata	12-14.12.03
34.	Environmental Science	Dr. Rajnarayan Saha, Lecturer	National Conference	Advances in Environmental Science and Engineering	I.I.T. Bombay	08-09.12.03
35.	Biotechnology	Dr. Pranab Roy, Head of Dept.	Challenges of Food Processing Industries Growth & Environmental Consideration in Eastern India.		Kolkata	16-17.01.04
	Officers & Non-teaching Employees					
36.	Information Scientist Central Library	Sri Bikash Mukhopadhyay	22nd Annual Convention & Conf. of SIS-04		Chennai	21-23.01.04
37.	Dev. Officer, B.U.	Sri B.Chakraborty	Annual Convention of Institution of Engineers		Dhaka, Bangladesh	18-22.01.04
38.	STA, Teacher, Dept. of Botany	Dr. J.P.Tah	Annual Botanical Conference		Savar Dhaka, Bangladesh	29-30.12.03
39.	STA Teacher Dept. of Botany	Dr. T. Dalal	National Symposium	Current perspectives in Stress Biology	NBU	06-08.02.04

ABROAD

1.	**Pol. Science**	Dr. R.N. Bhattacharyya, Reader	International Pol. Science Association Congress	Durban South Africa	29.06.03-04.07.03.
2.	Physics	Prof. S.S.Dasgupta	International workshop	CAPP-2003	12-17.06.03
3.	Bengali	Prof. Biplab Chakraborty	South Asia Conference	Wisconsin, USA	23-26.10.03
4.	Statistics	Prof. Aditya Chattopadhyay	International Seminar-Cum-Workshop	Rajshahi University, Bangladesh	14-16.10.03
5.	Botany	Prof. Radhanath Mukhopadhyay	Annual Botanical Conference-2003	Jahangirnagar University, Savar, Dhaka, Bangladesh.	29-30.12.03

5.5.9 : BINOY KRISHNA CHOWDHURY RURAL TECHNOLOGY CENTRE :

The Binoy Krishna Chowdhury Rural Technology Centre has been established under the umbrella of this University. It offers short-term training-cum-production oriented courses based on the latest scientific and technological advances to achieve sustainable rural development. Various activities made during this year :

1. The Course on Computer Based Office Management has earned much reputation. Forty-one students have undergone training during this period.
2. During the period under consideration thirty six students were trained in the course on Repairing and Maintenance of Electrical and Electronic Apparatus.
3. The training programme on Artificial Breeding and Animal Management.
4. A two-day workshop on cultivation and post-harvest technology of aromatic plants, extraction of oil and marketing of the product was organised in the month of July. 2003.
5. Two workshops cum training programmes on vermiculture and mushroom cultivation were organised in July 2003 and January 2004.

5.6 KALYANI UNIVERSITY (1960)

The University of Kalyani was established in terms of relevant State Act and was inaugurated on November 1, 1960. Ms. Padmaja Naidu, the then Governor of West Bengal was the first Chancellor and Prof. S. N. Dasgupta, FNA, an eminent botanist was the first Vice-chancellor. The university is located in a lush green campus between the river Hooghly and National Highway No. 34 at a distance of 60 km. from the city of Calcutta. A railway station is situated just beyond the main gate of the University.The University is also considering the possibility of upgrading some of its affiliated colleges with the Academic Autonomy and postgraduate teaching.

5.6.1 FACULTIES & DEPARTMENTS :

POST-GRADUATE COURSES (2 YEARS)

FACULTY OF ARTS & COMMERCE :
Total no. of Departments - 10
Bengali, Commerce, English, Economics, Folklore,
History, Library & Information Sc., Political Science, Sociology.

FACULTY OF SCIENCE:
Total no. of Department – 9
Bio-Physics & Bio-Chemistry, Botany, Computer Science (DCA) one year,
Chemistry, Environmental Science, Mathematics, Physics, Statistics, Zoology.

FACULTY OF EDUCATION
Total no. of Department - 2
Education Deptt.-B. T. (1 year), M.A./ M. Sc. in Education (two years),
Physical Education –B.Ed (in Physical Education) 1 yr., M. P. Ed (2 Yr.).

OTHER POST GRADUATE COURSES :

FACULTY OF ENGINEERING & TECHNOLOGY

FACULTY OF LAW

FACULTY OF MUSIC & FINE ARTS

UNDERGRADUATE COURSES

FACULTY OF ARTS
B. A (Hons.) in English, Sociology, Economics, Bengali.

FACULTY OF SCIENCE :
B. Sc. (Hons.) in Chemistry, Physics, Mathematics, Statistics, Botany, Zoology

OTHER UNDERGRADUATE COURSES :

The University conducts B.A. / B.Sc. /B.Com. Pass & Honours courses in it's 36 affiliated degree colleges. Besides this, University conducts certificate course in Chinese & Russian Languages and B.Tech. Courses in: (a) Information Technology, (b) Electronics & Instrumentation. M. Phil. courses in English, Education & Economics are also conducted by the University.

5.6.2 Intake capacity of students in different courses in the University Departments

Bengali – (70), Commerce – (75), English - (55), Economics – (45), Folklore – (35), History – (70), Library & Information Sc.- (20), Political Science – (65), Sociology – (40), Bio-Physics & Bio-Chemistry – (13+13), Botany – (30),Computer Science (DCA) one year – (10), Chemistry – (35), Environmental Science – (20), Mathematics – (55), Physics – (30), Statistics – (20), Zoology – (30). Education Deptt.-B. T. (1 year) – (176), M.A./ M. Sc. in Education (two years) – (50)Physical Education –B.Ed (in Physical Education) 1 yr.- (80), M. P. Ed (2 Yr.) – (25).

5.7 UNIVERSITY OF NORTH BENGAL (1962)

The University of North Bengal was established by an Act of the Legislature of West Bengal in 1962 and assigned the mandate of providing teaching, training and research in various branches of advanced learning and promoting the dissemination of knowledge to fulfill growing socio-economic and technical manpower needs in the six North Bengal districts and the neighbouring state of Sikkim. The University occupies an area of about 330 acres and is situated at a distance of 9 km from Siliguri and 4 km from Bagdogra Airport in the Terai region of Darjeeling District. The University Act was amended by the West Bengal Act of XXV of 1981, which came into force with effect from September 16, 1981.

5.7.1 Postgraduate and Postgraduate Diploma / Diploma Courses in the Faculties of the University.

(i) FACULTY OF ARTS

M.A. in Bengali, English, Economics, Nepali, Philosophy, Sociology, Political Science, Geography & Applied Geography, M.Com., LL.M.,

UNIVERSITIES

* M.B.A.

* Post Graduate Diploma in Marketing Management/Tourism & Hotel Management/ Environmental Law.

* Diploma in Museum Studies.

M.Phil. in Political Science, History , Philosophy, Nepali, Himalayan Studies, Economics,

B.Lib. & Information Science course; LL.B. Hons. (5 years).

(ii) FACULTY OF SCIENCE

M.Sc. in Botany, Chemistry, Computer Science & Application, Mathematics, Physics, Zoology, Anthropology, Bio-technology, M.C.A.

* Post Graduate Diploma in Tea Management/ Disaster Management.

* M.Phil. in Remote Sensing & GIS.

* Fully self-financed courses.

(iii) FACULTY OF MEDICINE

D.O. and M.D. courses (2 years) in Anatomy, Physiology, Community Medicine, Anaestheology, Pathology are conducted in the North Bengal Medical College.

5.7.2. CENTRES IN THE UNIVERSITY

(i) Centre for Himalayan Studies, (ii) Centre for Life Science, (iii) Centre for High Energy & Cosmic Ray Physics, (iv) Centre for Adult & Continuing Education, (v) Centre for Development Studies, (vi) Centre for Women's Studies, (vii) Centre for Remote Sensing Applications, (viii) University Science Instrumentation Centre, (ix) Computer Centre, (x) Centre for Studies in Local Languages & Culture, (xi) Centre for Distance Education and (xii) Information Technology Centre (in partnership with Techno India Group).

5.7.3 UNDERGRADUATE COURSES

B.A./B.Sc./B.Com./B.Ed./B.Phy .Ed./B.E./M.B.B.S./B.D.S./B.B.A./B.C.A./B.Pharm. are conducted in the following affiliated colleges.

TYPES OF THE COLLEGES	NUMBER
General Degree Colleges	55
B. Ed. Colleges	5
Physical Education College	1
Law Colleges	2

5.7.4 (a) Seminar (National/International) during 2003-2004

Sl.No.	Organising Department	Period	Topic
1.	University	14-15 Nov.	Policy Planning of Higher Education in India under the WTO & GATS regime.
2.	Centre for Himalayan Studies	11-12 Dec.	On Himalayan Studies in the 21st Century
3.	Philosophy (SAP)	6-8 January	Language and Representation
4.	NBU Officers Association	17th January	Panchayat Experience in West Bengal
5.	Anthropology	3rd- 4th Feb.	People of North Bengal and Adjoining Area, Biological and Cultural Perspectives.
6.	Botany	6th February	Current Perspective in Stress. Biology.
7.	Philosophy	16-20 Feb.	Special Assistance Programme of UGC on meaning and truth.
8.	Chemistry	26-27 Feb.	Frontiers of Chemistry-Part II.
9.	Physics	7-8 March	"Frontiers of Physics".
10.	History	10th March 11th March	Kashmiri Identity and the Road Alienation. & Military success of the West in the East : the Colonial Experience.

(b) Refresher courses during 2003-2004.

Sl.No.	Organising Department	Period	Topic
1.	Economics	6- 29 November	New Areas in Economic Analysis
2.	Commerce	1- 22 December	Empirical Research in Business
3.	English	2-22 January	Perspectives on Romantic Literature in English.
4.	Philosophy	24 Jan.-I4 Feb.	Metaphysics -Eastern & Western
5.	Geography & Applied Geography	28 January - 19 Feb.	Applied Geography.
6.	Botany	16 Feb. -9 March	
7.	Physics	10-31 March	Recent Trends in Physics.

5.7.5 COLLEGES WITH VOCATIONAL COURSES :

(i) Raiganj (University College)	Sericulture
(ii) Govt. Degree College, Sikkim	Tourism and Travel Management
(iii) P. D. Women's College	Tourism and Travel Management
(iv) Alipurduar College	Computer Applications
(v) Coochbehar College	(a) Communicative English (b) Office Management and Secretarial Practice (c) Advertising, Sales promotion and sales Management.
(vi) Gour Mahavidyalaya	Communicative English
(vii) Siliguri College	Computer Applications

5.7.6 COLLEGES WITH P.G. COURSES

Name of the College	Subjects(s)
Raiganj College (University College)	Bengali
Balurghat College	Bengali, M.Com.
Malda College	English, History
Darjeeling Govt. College	Botany, Zoology, Nepali
Ananda Chandra College	Bengali
Sikkim Govt. Law College	L.L.M.

5.7.7 (a) Distance Education Directorate offers M.A.(2 years) in English, Bengali, Nepali, History, Political Science, Philosophy & M.Sc.(2 years) in Mathematics and B.A.(3 years) in English, Bengali, Nepali, History, Political Science, Philosophy, Sociology & Education and B.Sc. (3 years) in Mathematics and bridge course (one year) in each of these subjects.

(b) Bachelor of Internet Science (3 yrs.), Bachelor of Software Systems (3 yrs.), PGDCA (1 yr.), PGDIT (1 yr.) and Diploma in multimedia technology (DMT - I yr.) are offered under off-campus distance education mode in authorized study centres across the districts of West Bengal in partnership with ZILS (Zee Network Education Group).

5.7.8. ON GOING RESEARCH PROJECTS as on 31.3.2004

Sl. No.	Title of the Project	Principal Investigator & (Scholar)	Funding Agency	Total outlay		Duration and date of commence-ment
				Recurring Rs.	Non-Recurring Rs.	
1.	Biodegradable Thermo-plastic Starch and Starch linked Thermoplastics : Gelatinization, Rheology and Mechanical Property	Dr. S. K. Saha, Professor, Dept. of Chemistry,NBU 1. Mr. Amitava Chakraborty - Not joined 2. Mr. Mrinmay Jha, JRF Date of Joining - 17.12.2003	CSIR	846000	100000	3 years w.e.f. 01.05.2003
2.	Design and Synthesis of New Chiral Arometic Bis- Amines for Metal Catalyzed Asymmetric Reactions	Dr. Basudeb Basu, Reader, Chemistry Dept. NBU Staff : Mr. Pralay Das, JRF Date of Joining -6.06.2003	CSIR	846000	250000	3 years w.e.f. 02.05.2003
3.	Health and Social Structure in Sikkim : A *Study* of Continuity and Change	Prof. R. K. Bhadra, Dept. of S.S. A NBU Staff	ICSSR	246000	54000	24 months w.e.f. 01.04.2003
4.	Control of blister blight of tea (Camellia sinensis L.O. Kuntze) caused by Exobasidium vexans using botanicals and antagonists	Smt. Dipanwita Saha, R.A. Dept. of Botany, N.B.U Date of joining -02.06.2003 Supervisor : Dr. Aniruddha Saha, Lecturer, Dept. of Botany, N.B.U	CSIR	297000	–	27 months w.e.f. 02.06.2003

5.	Biochemical characterization of temperature stress response of Cicer arietinum L. and induction thermotolerance	Smt. Cyaria Tongden, JRF Dept. of Botany, NBU Date of joining- 01.04.2003 Supervisor :Dr. Usha Chakraborty, Reader, Dept. of Botany, NBU	CSIR	580000	–	5 years w.e.f. 01.04.03
6.	Identification of Plasmid Gene involved in the pathogenesis of Epizootic Ulcerative syndrome (EUS)	Dr. Joydeb Paul, (PI) Reader Deptt. of Botany, NBU	DBT	190000	200000	3 years w.e.f. 18.07.2003 to17.06.2006
7.	Conceptual issues in Relativity and Cosmology	Mr. Parthasarathi Debnath, JRF Dept. of Physics, NBU Date of joining 29.07.2003 Resigned on 07.01.2004 Joint Supervisor : Prof. S.K.Ghoshal Dr.B.C.Paul(Co-supervisor)	CSIR	580000		5 years w.e.f. 29.07.03 to 28.07.08
8.	Organic Reaction- New Mathodology and Synthetic Applications	Md. Ismail Hossain, JRF Dept. of Chemistry, NBU Date of joining 05.08.2003 Resigned on 23.11.2003 Supervisor Dr. Basudeb Basu, Reader Dept. of Chemistry, NBU	CSIR	580000		5 years w.e.f. 05.08.03 to 04.08.08.
9.	Floristic and vegetational studies on wetlands in the Malda District of West Bengal, India	Mr. Monoranjan Chowdhury, JRF, Botany Dept. NBU Date of joining- 8.08.2003 Supervisor Prof. A.P.Das Dept. of Chemistry, NBU	CSIR	580000		5 years w.e.f. 08.08.03 to 07.08.08
10.	Detection of the frequency of HLA Class -1 Antigens (Serology and SSP	Dr. Tapas Kumar Choudhuri, Lecturer, Dept. of Zoology, NBU	DST	592200	1546780	3 years w.e.f. 11.11.2003.

	typing) and the role of HLA Antigens as Genetic Marker in delusional disorder	1.Mr. Monojit Debnath,SRF Date of Joining 27.01.04				
11.	C-H bond activation : Tuning the catalyst	Dr. P.Bandyopadhyay, Reader, Dept. of Chemistry, NBU	DST	300000	1506000	3 years w.e.f. 16.12.2003
12.	Evaluation of bio-control potential of some arthropod natural enemies of major tea pests from Darjeeling slopes and its adjoining plains – 2nd phase	Prof. Ananda Mukhopadhyay Zoology Deptt., NBU Manpower : 1	NTRF	120000	144,500.00	2 years w.e.f. 31.12.2003
13.	Audio visual documentation on Kamata Koch Behar kingdom from tradition of modernity	Dr.Ichhimuddin Sarkar, Reader, History Deptt.	ICHR		200000	2 years w.e.f.
14.	Monitoring of water quality of five rivers of North Bengal	CDS Dr. Ranadhir Chakraborty, Dept. of Botany, NBU	WBPCB		500000	1 year w.e.f. 01.02.2004
15.	Generalised theory of Integration	Mr. Rupesh Tiwari, JRF Dept. Mathematics, NBU Date of Joining 23.02.2004 Prof. M.K.Bose (Supervisor) Dept. Mathematics, NBU	CSIR Sanction order from CSIR not yet received			5 year w.e.f.

5.8 VIDYASAGAR UNIVERSITY (1981)

The University was established on 29th September 1981 under the Vidyasagar University Act 1981 (West Bengal Act VIII of 1981). It has been named after Pandit Iswar Chandra Bandyopadhyay, known as Vidyasagar, the great educationist and social worker of Bengal. The Vidyasagar University was established with a mission to serve the society through development of Higher Education. Moreover, this university intends to serve the local needs depending on ethnic, socio-cultural and geographical factors and at the same time, the demands of mainstream education. The University logo with the motto "Education, Knowledge, Progress" embodies the mission stated above.

The campus of the university has an area of 182.75 acres (the main campus measuring 103.79 acres, the residential campus 35.09 acres and the third campus 43.97 acres to be developed as the Centres of the University).

The university is an affiliating one with its jurisdiction extending to the limit of Midnapore District or any District, which may be created in future out of any part thereof. Thirty colleges of Calcutta University within the District of Midnapore were initially deemed to have been affiliated to Vidyasagar University after ceasing to be affiliated to that university. Thereafter, a few colleges were established and affiliated to this university, taking the total number to 54. The figure includes three Engineering Colleges located at Haldia and Kolaghat in the district of Midnapore as well as Liluah in the district of Howrah in terms of an order issued by the Department of Higher Education u/s. 5 (2) of the Vidyasagar University Act., 1981.

5.8.1 THE UNIVERSITY AT A GLANCE :

1.	No. of Affiliated Colleges : (i) For Girls (ii) Professional (iii) Engineering (iv) B.P.Ed.	54 02 02 03 01
2.	Teachers Total : (i) University (Sanctioned) (ii) College (Sanctioned)	1101 85 1016
3.	Area of the Campus in Acres : (i) Main Campus (ii) Residential Campus (iii) Third Campus (To be developed for Centre)	182.75 103.74 35.04 43.97

4.	University Officers (Sanctioned)	20
5.	Non-teaching Staff (i) University (sanctioned) (ii) Directorate of Distance Education	130 120 10
6.	Students Enrolment (i) Ph. D. (ii) Postgraduate (1st Year) [1999-2000] (iii) Undergraduate (iv) Distance Mode (Bridge, Masters)	 32 1036; M-660, F-376 37200; M-24794, F-12406 7568
7.	No. of Exam. Conducted	06
8.	No. of Faculties	02
9.	No. of Board of Studies & Meetings held during this period (a) Postgraduate (b) Undergraduate	02 46 42
10.	University Library Books Journals (Back Vols.)	 52464 2115

5.8.2 *POST-GRADUATE DEPARTMENT*

FACULTY OF ARTS & COMMERCE

Departments : 1. Bengali; 2.Commerce with Farm Management, 3. Economics with Rural Development; 4. English; 5. History; 6.Library and Information Science; 7.Philosophy and Life–world; 8. Political Science with Rural Administration

FACULTY OF SCIENCE

Departments : 1. Applied Mathematics with Oceanology and Computer programming; 2. Anthropology; 3.Botany and Forestry; 4.Chemistry and Chemical Technology; 5. Computer Science; 6. Geography and Environment Management; 7.Human Physiology with Community Health; 8. Physics and Techno-Physics; 9.Zoology

5.8.3 OTHER POST-GRADUATE COURSES : B. Tech. Course; M.Sc. etc.

B.Tech Courses : i) Chemical Engineering , ii) Computer Engineering , iii) Instrumentation Technology

UNIVERSITIES

M.Sc. Courses : i) Geography with Environment Management, ii) Microbiology, iii) Electronics, iv) Botany & Forestry (Distance Mode), v) Physics & Techno physics (Distance Mode)

M. A. Courses in Distance Mode : i) Bengali, ii) English, iii) History, iv) Political Science, v) Commerce

M.B.A. Course : i) Master of Business Administration

M.C.A. Course : i) Master of Computer Science

5.8.4 COLLEGES WITH DETAILS OF VOCATIONAL COURSES :

1.	Belda College	Office management & Secretarial Practice
2.	Egra S. S. B. college	Office management & Secretarial Practice
3.	Jhargram Raj College	Functional English
4.	Mugberia C. Mahavidyalaya	Tax Procedure & Practice
5.	Panskura Banamali College	Office Management & Secretarial Practice
6.	Raja N. L. Khan Mohila Mahavidyalaya	Sericulture
7.	Ramnagar College	Industrial Fish & Fisheries
8.	Sabong Sajanikanta Mahavidyalaya.	Industrial Fish & Fisheries
9.	Seva-Bharati Mahavidyalaya	Seed Technology
10	Y. S. Palpara Mahavidyalaya	Computer Application
11.	Hijli College	(i) Office Management & Secretarial Practice (ii) Computer Application
12.	Subarnarekha Mahavidyalaya	Tax Procedure & Practice
13.	Chandrakona Vidyasagar Mahavidyalaya	Computer Application
14.	Khargapur College	Advertising, Sale Promotion & Sales Management
15.	Bajkul Milani Mahavidyalaya	Automobile Maintenance
16.	Sitananda College (Nandigram)	Industrial Fish & Fisheries
17.	Garhbeta College	Office Management & Secretarial Practice
18.	Mahishadal Raj College	Industrial Chemistry

19.	Moyna College	(i) Agro-Service (ii) Functional English
20.	Prabhat Kumar College	Industrial Fish & Fishery
21.	Pingla Thana Mahavidyalaya	Principles and Practice of Insurance
22.	Haldia Govt. College	Tourism and Travel Management
23.	Midnapore College	Instrumentation
24.	Tamralipta Mahavidyalaya	Tax Procedure & Practice
25.	Khejuri College	Agro-Service

5.8.5 INTRODUCTION OF NEW COURSES AT THE POST GRADUATE LEVEL

1. Microbiology (M.Sc.)
2. Electronics (M.Sc.)

5.8.6 FACULTIES AND DEPARTMENTS

POST GRADUATE COURSES :

FACULTY OF ARTS & COMMERCE :

1. Bengali, 2. Commerce with Farm Management, 3. Economics with Rural Development, 4. English, 5. History, 6. Library and Information Science, 7. Philosophy and LifeDate–world, 8. Political Science with Rural Administration.

FACULTY OF SCIENCE :

1. Applied Mathematics with Oceanology and Computer programming , 2. Anthropology, 3. Botany and Forestry, 4. Chemistry and Chemical Technology, 5.Computer Science, 6. Geography and Environment Management, 7. Human Physiology with Community Health, 8. Physics and Techno-Physics, 9. Zoology.

OTHER COURSES :

A. B.Tech. Courses : (i) Chemical Engineering , (ii) Computer Engineering, (iii) Instrumentation Technology.

B. M. Sc. Courses : (i) Electronics, (ii) Microbiology.

C. Master of Computer Application

D. Master of Business Administration.

5.9 NETAJI SUBHAS OPEN UNIVERSITY (1997)

Established by an Act of the State Government (Act XIX of 1997) on the occasion of birth centenary of Netaji Subhas Chandra Bose, the main objective of this open university has been to provide higher educational opportunities to those who cannot pursue higher education due to socio-economic conditions, inaccessibility or other limitations. Last year the Act has been suitably amended to enable the University to endeavour and take education to the other parts of the country.

The Headquarters of the University is housed in a historic building originally owned by Sarat Chandra Bose, a freedom fighter and an elder brother of Netaji. Now the University is going to offer its various Courses also outside West Bengal.

5.9.1. NAME OF THE STUDY CENTRES

At present the University has 76 (seventy six) Study Centres throughout West Bengal. Through these Study Centres the University runs Post Graduate, Under Graduate (Arts, Commerce and Science), Vocational and Professional Courses. Out of these, 8 (eight) Study Centres conduct exclusively Vocational Courses while 3 (three) study Centres conduct exclusively Professional Courses.

1. Dum Dum Motijheel College, Kolkata-74, Ph.: 2579-4053
2. Basantidevi College, Kolkata-29; Ph. : 2465-1345
3. Gurudas College, Kolkata-54; Ph. : 2353-7450
4. Maharaja Manindra Chandra College, Ph. : 2543-9331; Kolkata
5. Goenka College of Commerce, Kolkata-12; Ph.: 2241-2216,2219-6839
6. Surendranath Evening College, Kolkata; Ph. : 2360-1110
7. Victoria Institution (College), Kolkata; Ph.: 2360-4451
8. Shibpur Dinabandhu College, Howrah; Ph. : 2688-1789
9. New Alipore College, Kolkata; Ph.: 2478-0224
10. Gurudas College of Commerce, Kolkata-67; Ph.: 2356-1998
11. Bankura Christian College, Bankura; Ph. : (03242) 225-9724
12. Pravat Kumar College, Contai, Midnapore (E); Ph. : (03220) 225-5020
13. Raja N. L. Khan Women's College, Midnapore (W); Ph. : (03222) 226-5317
14. Tamralipta Mahavidyalaya, Midnapore; Ph: : (03228) 226-6054
15. Fakir Chand College, 24 Prgns (S); Ph. : (9174) 225-5403,225-5230
16. Haldia College, Midnapore (E); Ph. : (03224) 225-5058
17. Nistarini College, Purulia; Ph. : (03252) 222-2064, 2222-9880
18. Behala College, Kolkata-60; Ph.: 2445-9248
19. Sonarpur College, 24 Prgns (S); Ph. : 2534-4952
20. Hiralal Majumdar Memorial College for Women, Kolkata-35; Ph. : 2544-0932,2564-2148
21. Burdwan Raj College, Burdwan; Ph. : (0342) 2255-9174
22. Asansol B. B. College, Burdwan; Ph. : (0341) 220-2842
23. Suri Vidyasagar College, Birbhum; Ph. : (03462) 225-5504
24. Nabagram Hiralal Paul College, Hooghly; Ph. : (03211) 2673-0007
25. Chandannagar Govt. College, Hooghly; Ph. : 2685-0616
26. Netaji Mahavidyalaya, Hooghly; Ph. : (03211) 255020,255012

27. Acharya Prafulla Chandra College,
24 Prgns(N); Ph. : 2357-8797, 2537-4831
28. Baruipur College,
24 Prgns(S); Ph.: 2433-9566
29. Tarakeswar Degree College,
Hooghly; Ph. : (03212) 227-6269
30. Kirshnanagar Govt. College,
Nadia; Ph. : (03472) 225-2863
31. Barasat Govt. College,
24 Prgns(N); Ph. : 2562-4525
32. Sri Chaitanya College,
24Prgns(N); Ph.: (9116) 2239-556
33. Mahadevananda Mahavidyalaya,
24Prgns(N); Ph. : 2594-7485
34. Karimpore Pannadevi College,
Nadia ; Ph. : (03471) 2255-5158
35. Chakdaha College,
Nadia; Ph. : (9173) 224-2268
36. Sudhir Ranjan Lahiri Mahavidyalaya,
Nadia; Ph. : (03472) 253987, 276206
37. Egra S.S.B. College,
Medinipur (E); Ph. : (03220) 224-4073
38. Ghatal R. S. Mahavidyalaya,
Ph. : (03225) 255024;
39. Bolpur College,
Ph. : (03463) 252290
40. Balurghat College,
South Dinajpur; Ph. : (03522) 255391
41. Raigunj University College,
Uttar Dinajpur; Ph. : (03523) 249244
42. Maldah College,
Maldah; Ph. : (03512) 266807
43. Krishnath College,
Murshidabad; Ph. : (03482) 227-4450
44. Vivekananda College for Women,
Kolkata -08; Ph.: 2445-7575
45. Sarojini Naidu College,
Kolkata- 28; Ph.: 2559-2583
46. Kidderpore College,
Kolkata -23; Ph. : 2459- 7790
47. Sammilani College,
Kolkata- 75; Ph. : 2462-6869
48. Dr. Kanailal Bhattacharya College,
Howrah; Ph. : 2627-2471
49. Siliguri College,
Darjeeling; Ph. : (0353) 242-8238,253-8420
50. Ananda Chandra College,
Jalpaiguri; Ph. : (03561) 255599,224213
51. Coochbehar College,
Coochbehar; Ph. : (03582) 222702,256798
52. Gobardanga Hindu College,
24 Pgrs (N); Ph. : (953216) 249210
53. Panskura Banamali College,
Midnapore (E); Ph. : (03228) 252222
54. Sunderban Mahavidyalaya,
24 Pgrs (S); Ph. : (953210) 255057
55. Manbhum Mahavidyalaya,
Purulia; Ph. : (03253) 255632
56. Bhairab Ganguty College,
Kolkata; Ph. : 2553-2280,2564-3191
57. Bijoy Krishna Girls' College,
Howrah; Ph. : 2660-2341
58. Rampurhat College,
Birbhum; Ph. : (063461) 255018
59. Chanchal College,
Malda ; Ph. : (03513) 252261
60. Gour Mohan Sachin Mondal Mahavidyalaya,
24 Pgrs (S); Ph. : (953218) 220119
61. Prabhu Jagatbandhu College,
Howrah; Ph. : 2669-0221
62. Maharani Kasiswari College Kolkata;
63. Women's College Kolkata;
64. Institute of English,
Kolkata- 26; Ph. : 2465-9276
65. SSDA Study Centre, Prantik, Bolpur, Birbhum;
66. Global Institute of Information,
Fashion Technology and Science,
24 Pgrs (S); Ph. : 2490-6090
67. Society for Advanced Thinking of Human Development,
Kolkata -97; Ph. : 2335-9466
68. Mass Education Technical Training Institute,
24 Pgrs (S); Ph. : 2447-71447
69. Jalpaiguri Polytechnic,
Jaipaiguri; Ph. : (03561) 256474
70. Malda Polytechnic,
Malda; Ph. : (03512) 266361
71. Kb Motor (P) Ltd. Training Wing,
Kolkata-14; Ph. : 2244-1291
72. Don Bosco Self Employment & Research
Howrah
73. C. M. C. Limited,
2, Rippon Street, Kolkata-16; Ph. : 2248-2951
74. EDI-Kol, BNCCI,
Kolkata-01; Ph. : 2248-2951
75. Bangiya Bijnan Parishad,
Kolkata-6 Ph. : 2555-8417
76. David Hare Training College,
Kolkata.Ph. : 2475-1845

5.9.2 Netaji Subhas Open University has introduced the following courses :

Ph. D. Programme :

i) All Arts Subjects; ii) Mathematics; iii) Geography; iv) Environment Science; v) Commerce; vi) Management; vii) Computer Science/Application; viii) Distance Education.

Post Graduate Courses :

i) Bengali; ii) English; iii) English Language Teaching (ELT), iv) Mathematics; v) MCA; vi) Commerce; vii) Political Science; viii) M. Phil.

Post Graduate Diploma Courses :

i) Journalism and Mass Communication; ii) Cooperation.

Diploma Courses :

i) Entrepreneurship Development and Small Business Management; ii) Medical Laboratory Technology; iii) Yoga Therapy and Physiotherapy; iv) Basic Photography; v) Advanced Photography; vi) Consumer Affairs.

Certificate Courses :

i) Human Rights; ii) Bengali Language; iii) Pre-Primary Teachers' Training; iv) Aquaculture.

Vocational Courses :

) House Wiring and Armature Winding; ii) Maintenance & Repair of Electrical and Electronic Equipments; iii) Basic Automobile Repairing; iv) Basic Tailoring and Dress Designing.

5.9.3 IMPORTANT DEVELOPMENTS –

(i) A Memorandum of Understanding was signed between NSOU and Learning & Living Society, Kolkata on 13th May, 2003 for imparting a one-year Diploma Course in Pre-Primary Teachers' Training.

(ii) A Memorandum of Understanding was signed between NSOU and CMC Ltd., Kolkata on 29th May, 2003 to launch Masters in Computer Application (MCA) Programme.

(iii) On 9th June, 2003 a Memorandum of Understanding was signed between NSOU and West Bengal State Council of Technical Education for launching a number of Vocational Courses (One-year Diploma Course) such as, House Wiring & Armature Winding, Maintenance & Repair of Electrical & Electronic equipments, Basic Automobile Repairing and Basic Tailoring & Dress Designing.

(iv) A Memorandum of Understanding was signed between NSOU and Bangiya Bijnan Parishad on 11th August, 2003 to launch a number of Professional Courses (One-year Diploma Course) such as, Medical Laboratory Technology, Yoga Therapy and Physiotherapy, Basic Photography and Advanced Photography.

(v) A Memorandum of Understanding was signed between NSOU and Institute of Advanced Studies in Education on 10th November, 2003 for conducting Teachers' Education Courses like B.Ed., M.Ed. and M.Phil.

5.10 THE WEST BENGAL UNIVERSITY OF TECHNOLOGY (2000)

The West Bengal University of Technology (WBUT) came into existence on August 8, 2000. It started functioning with the assumption of office of the First Vice Chancellor on January 15, 2001 as a sequel to the promulgation of the West Bengal University of Technology Act 2000 under the West Bengal Act XV of 2000 passed by the West Bengal Legislature and published in the Calcutta Gazette (Extraordinary) vide Publication dated July 20, 2000.

The University commenced its academic programme through its affiliated institutions from July 16, 2001.

GENESIS

The Government of West Bengal set up an Expert Committee on December 31, 1998 to explore the necessity and scope for establishment of a distinct Engineering /Technology University in the state under the chairmanship of Dr. Ashesh Prasad Mitra, Scientist-Eminence .

Reviewing the status and issues of technical education at degree and higher level in the country and in the state of West Bengal, the committee observed that the facilities for technical education at degree level in West Bengal require manifold enhancement. The existing and forthcoming engineering and technological colleges badly needed support and guidance of a full-fledged centralized University of Technology for growth and improvement of quality technological education. To achieve self-reliance the country required centers of excellence for evolving world-class technology. The Committee set twin objectives for a separate Technology University :

- to serve as a centre of excellence in teaching and research,
- to provide affiliation to engineering, technological and management institutes.

The Government of West Bengal passed the West Bengal University of Technology Act, 2000 to materialize the vision of the Expert Committee. Under the tutelage of the University, the Committee envisioned, four Schools of Study shall cater to the emerging needs of higher learning :

UNIVERSITIES

- School of Applied Sciences
- School of Engineering & Technology
- School of Management
- School of Advanced Interdisciplinary Study and Research

This University with a difference, which would strive to be a Centre of Excellence for advanced study and research in basic and applied sciences, engineering, technology and management would have certain distinctive features like :

- Post-graduate study and research would be especially emphasized for strong scientific grooming of engineers and technologists.
- The management system of the University would be compact and responsive to global changes in technology.
- The University would have intimate and collaborative linkages with national and international research institutes, universities and industries.
- The faculty would include, besides core faculty, visiting faculties, adjunct faculties and distinguished visitors from industries and front-line academic and research institutes of the country and abroad. In addition, there will be doctoral fellows.
- The University would have an International Centre to organize national and international seminars and conference and lectures by international experts in various fields of science and technology.
- The University would organize programmes and projects to generate resources.

MISSIONS

- To organize undergraduate courses of study in engineering and technology, especially in emerging areas.
- To organize post-graduate programmes in basic and applied sciences, engineering and technology and in such other branches of knowledge as the University may deem fit, specially with a view to producing scientists, technologists and managers of high calibre capable of contributing towards development of industries based on modern technology in collaboration with industries as well as national and international research laboratories and academic institutions.
- To develop centres of excellence for higher studies and research in basic and applied sciences, engineering, technology and management education.

- To create awareness in key areas of environmental science, conservation of energy and resource, Information Technology , and Bio-Technology .
- To organize continuing education programme for up-dating the knowledge and skills of in-service personnel.
- To undertake such other activities as may be necessary to fulfill the mission of sustaining the emerging areas of Science and Technology.

THE UNIVERSITY CAMPUS

The University is at present located at BF 142 , Sector I, Salt Lake City. Additionally it has been allotted 40 acres of land, as part of 100 acres contemplated for the main campus of the University, on NH 34 near Kalyani. The boundary wall for the allotted land is taken up as a first stage of construction.

ADMISSIONS

Admission to the various University affiliated programme are conducted through Joint Entrance Examinations of the Government of West Bengal for Undergraduate B. Tech / B. Pharm/ B.Arch programme, institutional tests conducted for admission to Management programme and all India tests for PG programme. This year the total number of candidates admitted to the affiliated programme are as per details given below.

Degree Code	Name of Degree	Total Students
1.	B.Tech	6203
2.	B.Pharm	82
3.	B.Arch	0
4.	M. Tech	0
5.	MCA	282
6.	MCA (H)	0
7.	MBA	120
8.	Integrated Post B.Sc. Research	9
9.	BBA	123
10.	BCA	477
11.	BHM	0
12.	BOPTOM	12
	Total	**7308**

ACADEMIC ACTIVITIES DURING 2003-2004

- University has been conducting B.E. course in Information Technology under the School of Information Technology
- One day Workshop on "English Language Teaching"(ELT) at WBUT Campus in collaboration with Oxford Press in early Feb 2004
- MOU between WBUT and Novel Education Services was signed on 11th March 2004.
- Novel Lab at WBUT campus was effective from March 2004.
- Two day Seminar on Linux Technology" on 11th and 12th March 2004 at WBUT Campus.
- Seminar on IT and Entrepreneurship Development Programme at WBUT on 13th March 2004 Workshop on training modules for Higher National Diploma from the Expert faculties from UK.
- Two day Workshop on "Usability Engineering & Human Computer Interaction" at affiliated college under WBUT jointly with Indo European Systems Usability Partnership on 22nd, 23rd March 2004. Speakers from UK Universities delivered lectures on the subject.
- Presently the number of students under WBUT is more than 30,000 in 65 colleges.
- It is expected that the student intake will be more than 40,000 in Session 2004-2005.
- Our objectives will be to develop Centres of excellence for higher studies and research in basic and applied sciences, engineering, technology and management education.

5.11 BENGAL ENGINEERING COLLEGE (DEEMED UNIVERSITY) (1856).

The Bengal Engineering College (A Deemed University), was established as the Civil Engineering College, Calcutta, on 24th November, 1856 with the idea of introducing engineering education in the country. On 12th February, 1920 the name was changed to B. E. College, Shibpur. The word 'Shibpur' was deleted on 24th March 1921. Till 1992, it was a constitutent college of the Calcutta University. The college was elevated to the status of a Deemed University in 1992 and was formally inaugurated as a Deemed University by the President of India, Dr. Sankar Dayal Sharma on March 13, 1993.

The B. E. College situated adjacent to the Indian Botanical Garden, covers an area of nearly 49 hectares. It is 8 km from the heart of the city through Vidyasagar Setu.

Academic Programmes :

The College offers undergraduate courses leading to B. E./B.Arch. degree in nine Engineering & Architecture branches with a total intake of 427 students per year. The non-Engg. Branches (Physics, Chemistry, Mathematics, Geology & Humanities) offer various courses to the students of all branches. Postgraduate courses (3-semester) are offered in seven disciplines and a 6-semester course in Master of Computer Applications is run by the CST Department. M.Sc. course in Applied Physics, Applied Chemistry and Applied Mathematics have been introduced as non-engineering courses whereas B.E. in Information Technology has been introduced during the year. In addition, an M.Tech. Course is being offered through Purabi Das Institute of Information Technology, an Institution attached to the B. E. College (A Deemed University).

The Deemed University offers 10 Doctoral Fellowships and till date 40 Faculty members and scholars have registered for Ph.D. in various disciplines. The University has also been approved as a QIP center for M.E. Course in Civil, Electrical Engineering, Computer Science & Technology etc.

Academic Departments organize continuing education programmes, both long terms and short term like PG part time Evening Courses, Summer and Winter Schools, independently. The Departments also regularly organize Seminars/Workshops/Conferences for working engineers in collaboration with the industries and professional societies of National & International level. PG Courses on IT and MBA Courses for Working Engineers will be introduced very soon. Already the School of Management Sciences, offering a full-time MBA Course, has been launched successfully.

In this context infrastructure development and consolidation of academic programmes are felt necessary. In future, use of modern teaching aids with the help from Educational Technology Centre should be coupled with optimal use of computer network. It is planned to set up a wing for mass S & T education.

With these ideas in view, the following Centres of Excellence are being proposed to be set up :

(a) Continuing Education Centre for Rural Developments

(b) Environmental Engineering

(c) Materials Science & Engineering

The interaction with the industry personnel through invited lectures is high on the agenda of the already established Industry/Institute Partnership Cell of this University. Some new tenure type positions are planned to be created in each department to bring in eminent academicians, technologists and managers from other institutes and industries, or even from abroad, to bolster the activities of the individual departments.

PROGRAMMES AND INTAKE :

Undergraduate Course (BE/B.Arch.)

Departments	Intake	Duration	Nature
Civil Engineering	90	4 yrs..	8 Semesters
Electrical Engineering	60	4 yrs.	"
Mechanical Engineering	60	4 yrs.	"
Metallurgical Engineering	30	4 yrs.	"
Electronics & Tele-Communication Engineering	60	4 yrs	"
Mining and Geology	30	4 yrs	"
Computer Science & Technology	60	4 yrs.	"
Architecture, Town & Regional Planning	24	5 yrs.	10 Semesters
Information Technology	60	4 yrs	8 Semesters

Outside regular engineering branches, the non-engineering branches like Chemistry, Physics, Humanities, Mathematics and Geology offer a considerable number of courses to the students of all branches.

P.G. Courses

Disciplines	Deptt. Intake	Duration	Total intake
*Civil Engineering	20	4 Semesters	20
*Electrical Engineering	20	"	20
Mechanical Engineering	20	"	20
Metallurgical Engineering	10	"	10
Electronics & Telecommunication Engineering	05	"	05
Computer Science and Technology	10	"	10
Applied Mechanics	15	"	15
Mining Engineering	10	"	10
Master of Town and Regional Planning	10	"	10
Master of Computer Application	30	"	30
Master of Business Administration	40	"	40
		Engineering M.B.A.	140 40

*Approved as Q.I.P. Centres

P.G. Electrical Engineering Diploma, Intake 20

Other Programmes :

— **Doctoral**

Awarded – 10

Registered – 40

— **Continuing Education**

Organises Summer & Winter School & Seminars etc.

— **Research & Consultancy**

Sponsored by State Govt. DST, ISRO, CSIR, UGC, MHRD, Bhaba Atomic Research Centre, Electronics Commission, National Metallurgical Laboratory, State Engineering Departments.

— **Department of Human Resource & Management**

Placement of Students

— **Computer Centre**

— **Centres for Advanced Study & Research assisted by M/s M.N. Dastur & Co. and special assistance from UGC and Govt. of West Bengal**

(a) Materials Science Centre; (b) Bio-Engineering Centre; (c) Environmental Science and Engineering Centre, Centre for Studies in Urban & Regional Development.

No. of Teachers

Engineering Departments – 159, Non-Engineering Departments – 30

Students Accommodation

Residential : Boys' Hostels – 14, Girls' Hostel – 1

Research & Development Activities :

The vision of B.E.College (D.U.), is to function as a research-intensive University whose prime area of activity would be (a) Creation of knowledge and (b) dissemination of knowledge in an environment of research which ensures that teaching and learning are conditioned by latest research findings.

UNIVERSITIES

The University offers postgraduate courses in 21 areas of specialisation in traditional and emerging disciplines. The academic departments are actively engaged in various research activities and consultancy projects, sponsored by International/National/State agencies. Out of the 93 labs of the University, 45 are dedicated to postgraduate studies and research. Results of research undertaken during the last 3 years have been incorporated in 700 papers which have been published in journals and conference proceedings of national and international repute. In the last financial year total of 46 research projects sanctioned for B.E.College(D.U.), sponsored by various funding agencies, which comes to a sum of about Rs. 3.8 crores outlay. Presently 79 ongoing research projects are running. In the year 1997, Industry-Institute-Partnership Cell has been established to promote research and interaction amongst industry and the University.

The Applied Mechanics Dept. has developed Bio-Engineering lab., Mechatronics and Robotics Lab., Fluid power systems and control lab. The department is carrying out 9 sponsored projects funded by various govt. funding agencies. The department has implemented many research projects successfully funded by ISRO, NASA, Delft University of Netherlands, Clemson University of U.S.A. and others. Out of many areas of specialisation the department is offering its expertise on finite element analysis of structure, computational fluid dynamic problem, design of structures under wind and earthquake loading, problems related to human body mechanics etc.

The CAAD and GIS lab. are being developed by the Architecture Department. The major research and development emphasis are given in the Civil Engg. Dept. on structural, Geotechnical Environmental, Transportation and water resource engineering. Out of many notable research findings design and development of Arsenic removal filter, application of Jute Geotextile in construction Engg., design of industrial waste disposal technique are noteworthy. The department is engaged in various consultancy and investigation projects in different national and international agencies. The department is offering specialised training facility tailor-made for the industries.

The Mechanical Engineering Dept. has many areas of specialisation of research. Tribology and Terotechnology, Non-traditional machining process, circulating fluidized lead boiler and pollution free combustion, non destructive testing and tomography are a few. The department rendered its consultancy services on design of air pollution control device for re-rolling mill furnace, yarn illuminating system for textile industries, failure analysis of Jaw Crusher etc. The department is offering specialised training programmes for industry personnel.

The Electrical Engineering dept. has specialisation areas on electrical machines, control systems, power systems, power electronics and instrumentation. The department is carrying out number of research projects that includes development of a low cost sensorless switched reluctance motor drill, spectral identification of patentised homeopathic medicine etc. The department is preparing to develop automatic control and computational intelligence, green power technology illumination Engg. Opto-electronics and photonies and Nanotechnology for fundamental and applied researches.

The Metallurgy Dept. has been remarkably progressing in several areas such as development and evaluation of HSLA forging, high strength ferrous alloys etc. Metallographic Polishing Laboratory, instron testing machine are a few milestones in the department for industrial research.

The Mining & Geology dept. has been strengthened by a number of sponsored researches and consultancy works. Out of its many specialisation Mine safety engineering, mine environmental engineering Mineral benefaction and GIS application in mines are being developed over the years for utilising in industrial consultancies.

The Electronics and Telecommunication Dept. is developing its specialisation on VLSI design of video compression system applicable to video telephony and alternative development of renewable energy system. Many research projects are ongoing in the department in the areas of solar cell development, image processing, instrumentation , microprocessor based system etc.

The Computer Science & Technology Dept. has undertaken several projects notably the Moving base INS Alignment (funded by DRDO), the Robot Vision & Neural Net Computation (funded by MHRD), etc.

The supporting departments have remarkable infrastructure to take up industrial collaborative research.

The Chemistry Dept. is working on a number of MHRD projects, which concentrates on studies on Optical and Magnetic properties & Electrical Conductivities of different transition metal compounds in different oxidation states.

The Mathematics department is working techniques of Non-linearity in Partial Differential Equations.

The Physics Dept. has done laudably in development of Non-destructive Testing Laboratory Electro-ceramic Processing & Characterisation Laboratory, optical fibre application and acoustic engineering.

Other than the core engineering branches, interdisciplinary researches are also being carried on through multidisciplinary approaches.

FACULTY PROFILE

Currently being run by Faculty Members of various departments.

Continuing Education – Short Introductory Courses.

5.12 U.G.C. RECOMMENDATIONS FOR THE 10th PLAN

New Courses / Special topics in the Universities and teaching posts sanctioned by the UGC and the State Government under the 10th Plan.

In order to formulate the 10th Five-year Plan, the University Grants Commission considered, in particular, the introduction of new courses/special subjects in existing courses in the universities and the sanctioning of teaching posts required for the purpose. The State Government has since created 71 posts of teachers on the basis of the approval by the U.G.C, as given below.

University	Name of the Department	Teaching Posts		
		Professors	Reader	Lecturer
1. Calcutta University	1. Polymer Science Technology	–	–	1
	Total :	–	–	1
2. Jadavpur University	1. Mechanical Engineering	–	–	1
	2. Metallurgical Engineering	–	–	1
	3. Pharmaceutical Engineering	–	–	1
	4. Information Technology	–	–	1
	5. Power Plant Engineering	–	–	1
	6. Adult Education	–	–	1
	7. Architecture	–	–	1
	8. School of Bio-Science	–	–	1
	9. School of Women's Studies	1	–	–
	10. Oceanographic Studies	–	–	1
	11. Mathematics	–	–	1

	12. Bengali	–	–	1
	13. Physical Education	–	–	1
	14. Economics	–	–	1
	15. Film Studies	–	–	1
	16. Sociology	–	–	1
	17. English	–	–	1
	18. Philosophy	–	–	1
	Total :	**1**	**–**	**17**
1. Burdwan University	1. Bisiness Administration	1	–	–
	2. Journalism & Mass Communication	1	–	–
	3. Hindi	1	–	–
	4. Physics	–	1	–
	Total :	**3**	**1**	**–**
2. Kalyani University	1. Microbiology	–	1	–
	2. Biochemistry & Biophysics	–	–	2
	3. Environmental Science	–	–	1
	4. Computer Science	1	–	1
	5. Business Administration	–	1	–
	Total :	**1**	**2**	**4**
3. Rabindra Bharati University	1. Musicilogy	–	–	1
	2. Museology	–	–	1
	3. Mass Communication & Videography	–	–	1
	4. Education	–	–	1
	5. Centre for studies & Research on Tagore	–	–	1
	Total :	–	–	**5**
6. North Bengal University	1. Computer Science Application	–	–	2
	2. Biotechnology	–	1	2
	3. Anthropology	–	1	1

	4. Hindi	–	1	1
	5. Sanskrit	–	–	1
	Total	–	**3**	**7**
7. Vidyasagar University	1. Bengali	–	–	1
	2. Commerce	–	–	1
	3. English	–	–	1
	4. Economics	–	–	1
	5. History	–	–	1
	6. Library Science	–	–	1
	7. Pol. Science	–	–	1
	8. Philosophy	–	–	1
	9. Anthropology	–	–	1
	10. Applied Maths.	–	–	1
	11. Botany	–	–	1
	12. Chemistry	–	–	1
	13. Computer Science	–	–	2
	14. Electronics	–	–	2
	15. Geo.	–	–	1
	16. Physiology	–	–	1
	17. Micro-biology	–	–	2
	18. Physics	–	–	1
	19. Zoology	–	–	1
	Total	–	–	**22**
7. B. E. College (D. U.)	1. Electronic & Telecommunication	–	1	1
	2. Minning & Geology	–	1	1
	Total	–	**2**	**2**
Grand Total :		**5**	**8**	**58**

CHAPTER – 6

OTHER UNIVERSITIES IN WEST BENGAL

6.1. State aided Universities

6.2. Central Universities in West Bengal

6.3. Institutes of Importance

CHAPTER – 6

OTHER UNIVERSITIES

6. OTHER UNIVERSITIES IN WEST BENGAL

6.1 STATE AIDED UNIVERSITIES :

6.1.1 BIDHAN CHANDRA KRISHI VISWAVIDYALAYA

P.O. Krishi Viswavidyalaya, Mohanpur, Nadia, Pin-741252.
E-mail : vcbckv@vsnl.net

The Bidhan Chandra Krishi Viswavidyalaya is a State agriculture university under the administrative jurisdiction of the Department of Agriculture, Govt. of West Bengal. It is situated at Mohanpur under Haringhata P.S. in the district of Nadia. The University confers degrees at the Undergraduate and post graduate levels in agriculture, horticulture, agriculture engineering etc. The University has six Regional Research Stations representing each soil-agroclimatic zone in the State supported by a number of Regional Research Sub-Stations in each zone.

6.1.1A UTTAR BANGA KRISHI VISWAVIDYALAYA

P .O. Pundibari, Dist- Cooch Behar
West Bengal- 736165 Ph.- 03582-270141/249

The Uttar Banga Krishi Viswavidyalaya (UBKV) is a new-born Agricultural University in West Bengal as well as in India consequent to the implementation of UBKV Act by Government of West Bengal. It has come into existence at Pundibari, 16 k.m. away from the Cooch Behar district head quarter on 1st February, 2001. Since 1979, an Educational and Research establishment had been operative at Pundibari under Bidhan Chandra Krishi Viswavidyalaya as a part of its constituent units. The University has been given responsibility for teaching, research and extension education in different branches of agriculture, horticulture, forestry , tea and allied science for creating qualified technical manpower and new technologies to the State Government in order to help the farmers towards increasing agricultural production and improving their economic conditions. The University has Regional Research Station/ Sub-stations at Kalimpong, Dalapchand, Pedong of Darjeeling district, Majhian of Dakshin Dinajpur district,.Manikchak and Ratua of Malda district, Kharibari of Siliguri sub-division of Darjeeling district and at Pundibari of Cooch Behar district.

Academic programmes in the University, both at U.G., P.G. and Doctoral levels are conducted here.

Instructional programmes in the University are being operated under Faculty of Agriculture and Horticulture. Besides, there have also been provisions of conducting inter-institutional, inter disciplinary postgraduate level instruction and advanced research under nine centres of advanced studies.

The Faculty of Agriculture comprises of ten Departments namely, Agronomy, Agril. Chemistry & Soil Science, Genetics & Plant Breeding, Agril. Statistics, Agril. Economics, Agril. Extension, Agril. Entomology, Plant Pathology, Plant Physiology and Biochemistry. The Faculty of Horticulture comprises of five Departments namely, Pomology and Post Harvest Technology, Vegetable & Spice Crops, Plantation Crops & Processing which includes Tea Science and Technology, Floriculture and Aromatic & Medicinal Plants and Forestry. In this academic session (2003-04) students will be admitted for Doctoral Degree programme in four departments.

6.1.2 WEST BENGAL UNIVERSITY OF ANIMAL AND FISHERY SCIENCES

37 & 68, Khudiram Bose Sarani, Belgachia, Calcutta 700 037
Phone : 2556-5021
Date of establishment : 2-1-1995.
(Under the West Bengal University of Animal Science and Fishery Science Act, 1995)

The University is located in the old Bengal Veterinary College Campus on either side of Kudhiram Bose Sarani in Belgachia. The arching entrance looks imperial and successfully conveys the impression that the university is rich in history and tradition.

FACULTIES

Faculty of Veterinary and Animal Sciences.
Faculty of Dairy Technology.
Faculty of Fishery Science.

Degree	Seats	Duration
(a) Bachelor of Veterinary Science (B.V. Sc. & A.H.)	102	5 years integrated course with 6 months internship training.
(b) M.V. Sc. & A.H.	108	2 years (course credit-system)
(c) Ph. D.	29	2 years (course credit-system)
(a) B. Tech. (D.T.)	31	4 years integrated course including 6 months in plant training.
(b) M. Tech. (D.T.)/M.Sc. (Dairy)	27	2 years (course credit system)
(c) Ph. D.	6	2 years (course credit system)
B. F. Sc.	31	4 years integrated course including 6 months farmhouse training.

6.1.3 THE WEST BENGAL NATIONAL UNIVERSITY OF JURIDICAL SCIENCE

Sector III, Salt Lake City, Calcutta - 700098
Ph : 2335- 0534 / 7379
FAX : 033 - 2335 - 7422

The West Bengal National University of Juridical Sciences came into existence in August 1999 under Act IX of 1999 passed by the West Bengal Assembly. The University commenced its academic programmes from 1st June, 2000.

AUTHORITIES OF THE UNIVERSITY

The Act contemplates a General Council, an Executive Council, an Academic Council and a Finance Committee. The Chief Justice of India is the Chancellor of the University and Chairman of the General Council.

Funded by the West Bengal Government, NUJS is set to become a centre for excellence in legal studies and research enabling law to serve a legal role in development and social justice.

ADMISSION

The National Admission Test was held on 16th April, 2000, and the admission process was completed by 31st May, 2000. 100 students were admitted in the first batch. The annual intake in the 1st year of the 5 years B.Sc/B.A., LL.B (Hons.) course is now fixed at 80 only.

ACADEMIC ACTIVITIES

- **Class**

An orientation for the first batch of students admitted for the year 2000-2001 took place on 31st May, 2000. The classes commenced on 1st June, 2000 and the 1st semester was successfully completed by 30th September, 2000. The method of teaching is cooperative where dialogue and discussion between the teachers and the taught take place during which there is broad-based learning for everyone. The 2nd semester commenced from 2nd November, 2000 and is now continuing. It will end by 30th March, 2001. The students are participating in several moot courts and co-curricular competition at Bangalore, Pondicheri and Kerala in Client Counseling competition.

NUJS stood third in all India merit in which nearly a dozen leading law schools participated.

OTHER UNIVERSITIES

- **COURSES OFFERED :**

The courses offered by the University are :

Sl. No.	Courses offered	Male	Female	Total
1.	B.Sc./B.A. LL.B (Hons.)	52	48	100
2.	LL.M	3	–	3
3.	M. Phil	4	–	4
4.	Ph. D	Nil	Nil	Nil
5.	LL.D	–	–	1

Schools under the University

The specialised schools integrated into the University's overall scheme of teaching and research are :

1. The School of Criminal Justice and Administration
2. The School of Economic Laws and Governance
3. The School of Technology Law and Sustainable Development
4. The School of Legal Practice and Professional Development

of which The School of Criminal Justice and Administration is already working on a major project on Reforms in Criminal Justice Administration. The Project is funded by the Ford Foundation for a two year period.

- **Faculty and staff of the University**

The University at present has fourteen (14) members in the teaching Faculty of whom five belong to social sciences and eight to different branches of Law.

The administrative staff is limited to twenty two(22) members only, including a senior Faculty member officiating as the Registrar of the University.

- **Library**

The Library has well over 10,000 volumes already, part of which was received as gifts from distinguished judges, lawyers and academic institutions.

- **Visitors to the University**

The University has a steady stream of distinguished visitors which included sociologist Prof. Andre

Beteille, U.N. economist Mr. R. Sudarshan, United States Justice Fern Smith, and renowned Patent Attorney from U.S. Mr. Shantanu Basu. Special lectures were given by them which were followed by discussions with Faculty and students. The University has launched a Public Forum known as KNOWLEDGE SOCIETY under which regular lectures/discussions are planned for disseminating knowledge on Law in society.

- **University Publication**

The University has already published a book entitled Judicial Education and Training by its Vice Chancellor, Prof. N.R.Madhava Menon, co-authored by Dr. David Annoussamy and Mr. D.K.Sampat. The book was released by the Chief Justice of the Calcutta High Court. The University is bringing out its first newsletter in January, 2001, and the Journal of the University is scheduled for release by April, 2001.

EXTENSION ACTIVITIES OF THE UNIVERSITY

- **Environmental Law Workshop**

In April, 2000, a week long Environmental Law Capacity Building Workshop was organised which was attended by the Pollution Control officers from the eastern and north-eastern states. The workshop was in collaboration with CEERA and NLSIU Bangalore.

- **Foundation Training for Judicial Officers**

The University in collaboration with the High Court of Calcutta, organised a month long, residential Foundation Training Programme for fifty Judicial Officers in the State of West Bengal. The training took place in two batches giving the trainee judges necessary knowledge and skills to function in Court. Vice Chancellor Prof. N. R. Madhava Menon coordinated the course and the School of Criminal Justice & Administration of NUJS organised it on request from the High Court.

- **Centre for women and children**

The Centre for women and children of NUJS proposes to formulate a curriculum for sensitizing the Judges on gender issues in collaboration with the National Commission on Women. The workshop for developing the curriculum is scheduled to be held in later part of February, 2001.

- **Permanent Campus**

The university has moved to its permanent campus where an elegant buliding with all facility has been constructed.

6.1.4 THE WEST BENGAL UNIVERSITY OF HEALTH SCIENCES

DD-36, Sector-1, Salt Lake, Kolkata-700 064
Year of establishment : 2002
Phone No. 2321-5388, Fax : 2321-5389

The West Bengal University of Health Sciences came into existence on 1st January, 2003 at DD-36, Sector-1, Salt Lake, Kolkata-700 064 in terms of 'The West Bengal University of Health Sciences Act, 2002'.

The objective of this University is to establish uniformity in the standard of education in all faculties of health sciences and will be consistently aiming at modernising, improving and achieving the highest standards of academic excellence at all levels on mutual understanding of all the systems of Health Sciences. In order to improve and rationalise the programme of the Study Centres, this University may include in the syllabi and curricula of Under-Graduate and Post-Graduate courses, which have not been included presently e.g. population sciences, health system research, health services management, health structure reforms, human resource development, educational technology, bioinformatics and telematics, medical transcription, epidemiological research technology, continuing education in health sciences and any other branch of sciences as may be deemed expedient to be included. This University will always strive to promote competitive merit and excellence as the sole guiding criterion in all academic and other matters relating to students.

The University started functioning on and from the 1st Day of January, 2003 with the joining of the 1st Vice-Chancellor Prof. (Dr.) M.M.Chaudhuri and Registrar Prof. (Dr) P.K.Sarkar. Subsequently, the Finance Officer, Shri P.K.Gupta joined on deputation from W.B.A&A.S and the Controller of Examinations, Shri P.K.Sen joined.

As per decisions of the Executive Council, Registration of students admitted in Ist M.B.B.S., B.D.S., B. Pharm. courses through the W.B.J.E.E. and B.Sc Nursing courses have started from the current academic year, 2003. Preparation for Entrance Examinations for admission in Post Graduate Degree/Diploma and Post Doctoral courses have already been made by this University. All these Post Graduate and Post Doctoral courses of Modern Medicine will be held under the privileges of this University from the next academic year 2004 and onwards. Side by side all the courses of Homeopathic, Ayurvedic Medicine, Unani and other courses including non-medical technical courses relating to health sciences will come under the purview of this University from such time as may be decided by the Executive Council.

Besides the existing Institutes imparting education in Health Sciences under the University of Calcutta, Burdwan University and North Bengal University, this University, in the meantime, has conferred Affiliation to the Institute of Pharmacy, Jalpaiguri for conducting B.Pharm course with 60 intakes from this academic year. Proposals for Affiliation to Gurunanak Institute of Dental Sciences & Research at Panihati, 24-Pgs(North) for conducting B.D.S. course with 100 intake and B.M.Birla Heart Research Centre for conducting M.Sc (Nursing) course with 4 intake have also been approved very recently. Moreover, many other proposals for affiliations are under consideration.

6.2 CENTRAL UNIVERSITIES IN WEST BENGAL

6.2.1 VISVA-BHARATI

Santiniketan, Dist.-Birbhum, Pin-731235
Year of establishment : 1951 (as a Central University)

This institution was, started by Maharshi Debendranath Tagore in the form of an 'ashrama' in 1863. Rabindranath Tagore started a 'Brahmacharya Ashrama' here in 1901. On December 23, 1921 Visva-Bharati became a registered public body with a constitution of its own. In May 1951 Visva-Bharati was declared to be a Central University and an Institution of National Importance. It conducts courses in arts, fine arts, science, agriculture, education, etc. It is also a centre for research on works and ideas of Rabindranath Tagore.

CHARACTER

A unitary teaching and residential university ;

Academic session–1 July to 30 June ;

Medium of instruction—Bengali (School) English (University) ;

Academic privileges to foreign students ;

Research fellowship programme for foreign students ;

Classes often held in open air ;

A centre for realising both the external and internal features of India and fusion of Oriental and Western cultures.

CURRICULUM

Originally a repudiation of the colonial system of education—an unconventional University with unconventional curriculum having joyful, artistic, creative expression in an environment of music, painting and dramatic performances in consonance with Nature.

FACULTIES AND INSTITUTIONS

Vidya Bhavana (Institute of Humanities)

Siksha Bhavana (Institute of Science)

Kala Bhavana (Institute of Fine-Arts)

Sangeet Bhavana (Institute of Music, Dance and Drama)

Rabindra Bhavana (Institute of Tagore Studies, Museums and Archives)

Vinay Bhavana (Institute of Education)

OTHER UNIVERSITIES

Palli Sangathana Vibhaga (Institute of Rural Reconstruction)

Palli Siksha Bhavana (Institute of Agricultural Science)

Patha Bhavana (Institute of Secondary Education)

Siksha Satra (Institute of Secondary Education)

Uttar Siksha Sadana (Institute for Higher Secondary Education)

Siksha Charcha, (Primary Teacher's Training Centre)

Agro-Economic Research Centre.

VIDYA BHAVANA

B.A. (Hons.) –Three year.

Subjects : Ancient Indian History, Culture & Archaeology, Bengali, Economics, English, Geography, Hindi, History, Mathematics, Oriya, Philosophy, Comparative Religion and Sanskrit. Course in Tagore Studies (compulsory for all).

Chinese course—Hons. Four year.

M.A.—Two year.

Subjects : all B.A.Hons.Subjects, Chinese and Indo-Tibetan studies.

Two year Certificate Course

Subjects : Bengali, Santhali, Assamese, Oriya, Hindi, Tamil, Marathi ; Sanskrit, Pali, Arabic, Persian, Urdu, Chinese, Japanese, Tibetan, German, Russian, Italian and French.

One-Year Diploma Course

Subjects : Same as in Two-year certificate course.

One-Year Advanced Diploma Course

Subjects : Tibetan and Russian.

One-year Certificate Course for foreign casual students.

Ph.D. Programmes.

SIKSHA BHAVANA

B. Sc. (Hons)–Three year.

Subjects: Physics, Chemistry, Mathematics, Botany, Zoology and Bio-technology.

M.Sc. – Two year.

Subjects : all B.Sc. (Hons.) Subjects.

One-year Post-Graduate Diploma in Computer Science and Applications. Ph.D.

KALA BHAVANA

Five-year U.G. Courses (B. Fine Arts Degree) in Painting, Sculpture, Design, Graphic Art and History of Art.

Five-Year Diploma Courses (Dip. in Fine Arts and Crafts) in Painting, Sculpture, Graphic Art or Design.

Two-year P.G. Courses (M. Fine Arts) in Painting, Sculpture, Graphic Art and History of Art.

Two-year P. G. Courses (P.G. Dip.) in Painting, Sculpture and Graphic Art (Print making).

Two-year Certificate in Design.

One-year Foreign Casual Students' Course in Indian Art.

Ph. D.

SANGEET BHAVANA

Four-year U. G. Courses (B. Mus. Degree) in Rabindra Sangeet, Dance, Hindusthani Classical Music (Vocal) and Hindusthani Classical Music (Instrumental).

Four-year Diploma Courses in Music and Dance, Rabindra Sangeet, Hindusthani Classical Musical (Vocal and Instrumental).

Two- year P. G. Courses (M. Mus. Degree) in the same subjects as in (i).

Four-year Senior Certificate Courses in the same subjects as in (i).

Two- year part-time Courses in Hindusthani Classical (Vocal/Instrumental), Rabindra Sangeet, Manipuri Dance and Kathakali Dance.

One-year Foreign Student's course in the same subjects as in (i).

RABINDRA BHAVANA

Treasure-house of manuscripts of Rabindranath Tagore ; Papers of Tagore family ; a collection of Paintings and Sketches by the poet and a few others; a research centre for Tagore Studies.

VINAY BHAVANA

A Teachers' Training Centre.

B.Ed.-One year.

M.Ed.-One year.

Ph.D.

Extension service.

OTHER UNIVERSITIES

PALLI SIKSHA BHAVANA

B. Sc. (Ag.) in Agricultural Sciences –4 year.

M. Sc. (Ag.) in Agricultural Sciences- 2 year.

Ph.D.

PALLI SANGATHANA VIBHAGA

B.S. W. – Three year.

M.S.W. – Two year.

Ph. D.

6.2.2 IGNOU (Indira Gandhi National Open University)

6.2.2.1 A NEW CONCEPT

The concept of an open University is an important innovation of the last century. It aims to bring about revolutionary changes in the system of learning through DISTANCE EDUCATION.
The first open University ('The Open University') was established in England in 1969.

IGNOU was established by an Act of Parliament in 1985 to achieve the following objectives :

- To democratise higher education by taking it to the doorsteps of the students.
- To provide access to high quality education to all those who seek it irrespective of age, religion or formal qualification.
- To offer need-based academic programmes by giving professional and vocational orientation to the courses.
- To promote and develop DISTANCE EDUCATION.
- To set and maintain standards in DISTANCE EDUCATION in the country as an apex body.

6.2.2.2 DISTANCE EDUCATION AND OPEN LEARNING

Distance Education is often confused with Correspondence Education. The distinction between Correspondence Education and Distance Education lies in their aims, methods and orientation. Correspondence Education is an extension of conventional education. Distance Education aims at varied goals. These include personal growth, training for better job prospects and job enhancement, a change in attitude, etc., in addition to imparting knowledge. Distance Education allows learning at one's own pace and offers easy entry and exit points. It makes life-long learning a reality. Distance Education employs a multimedia learning package. It is characterised essentially by the advanced learning strategies effected by modern communication technology. Correspondence Education, on the other hand, depends mostly on printed materials distributed by post.

6.2.2.3 GOVERNANCE

The President of India is the Visitor of the University. The authorities of the University include the Board of Management, Academic Council, Planning Board, Finance Committee, etc.

6.2.2.4 INSTRUCTIONAL SYSTEM

The University follows the multimedia approach in imparting instruction. It comprises :

- Self-instructional printed course material packages.
- Assignments for assessment and feedback.
- Supporting audio-video programmes.
- Face-to-face interaction between the student and Academic Counsellors at Study Centres and Work Centres.
- Practicals at designated Institutions.
- Project Work in some programmes.
- Work related field project/functional assignments as per programme requirements.
- Telecast of video programmes on Doordarshan.
- Broadcast of audio programmes by All India Radio (Select Stations)
- Interactive Satellite Aided Communication Network (Teleconferencing)

6.2.2.5 STUDENT SUPPORT SERVICES

Support services are provided through a network of Study Centres scattered all over the country. Study Centres are the actual focal points where the learners receive regular information and learning support. Each Study Centre is provided with library, audio and video facilities for the students. Senior and experienced academics and professionals are engaged in face-to-face counselling to further help them in the learning process. The Study Centres are generally located in existing educational institutions and normally function on holidays and Sundays and in the evening on working days. Each Study Centre is manned by part-time staff drawn from the host institution. To co-ordinate the functioning of Study Centres IGNOU has set up 19 Regional Centres in different parts of the country.

The IGNOU Regional Centre, Calcutta looks after the activities of the University in West Bengal. A list of Study Centres under Calcutta is given in the Appendix.

6.2.2.6 EVALUATION SYSTEM

IGNOU has a three-tire system of evaluation

(I) *Check Your Progress (self-assessment) :*

This is provided in study materials and is meant for self-assessment.

(II) *Assignments (continuous internal assessment) :*

This carries a weightage of 25% to 30%. There are two types of assignments.

- Computer Marked Assignment (CMA) and
- Tutor Marked Assignment (TMA). TMAs submitted at the Study Centre are returned to the students after evaluation with comments.

(III) *Term-End Examination (TEE) :*

This is the major component in the assessment as 70% to 75% weightage is given. University holds Term-End Examination twice a year (JUNE & DECEMBER).

6.2.2.7 STRIKING CHARACTERISTICS

- Relaxed entry regulations.
- Study according to one's pace and convenience.
- Flexibility in choosing the combination of courses from a wide range of disciplines.
- Study from one's own chosen place (during the course of study a student can change the opted Study Centre to any Centre anywhere in India except for certain exceptional cases).
- One may sit for Term-End Examinations generally anywhere in India and some select Centres abroad.
- Learners may also pursue their study in any other University while being a student of IGNOU.
- Cost effectiveness.

6.2.2.8 RECOGNITION

IGNOU is a Central University under the Ministry of Human Resources Development, Govt. of India. The Degrees, Diplomas, Certificates awarded by IGNOU are recognised by the Association of Indian Universities (AIU) and are at par with Degrees/Diplomas/Certificates of all Indian Universities/Deemed Universities/Institutions vide UGC Circular No : F1-8/92 (CPP) dated February, 1992.

The Directorate of Employment, Govt. of West Bengal has recognised the degrees/diplomas of IGNOU to be at par with the same of other Universities of the country in the matter of providing employment.

The Deptt. of School Education, H.S. Branch, Govt. of West Bengal has issued an Order No.187-SE(HS)/10M-3/97 dated 22nd August, 1997 by strength of which degrees/diplomas offered by IGNOU are acceptable for the purpose of further studies of teachers' training and employment in Schools of West Bengal.

6.3 INSTITUTES OF IMPORTANCE

6.3.1 INDIAN INSTITUTE OF TECHNOLOGY, KHARAGPUR, MIDNAPORE

Main Campus at Kharagpur, Dist. Midnapore, Pin-721302

IIT, Kharagpur, is the first of the chain of five IITs, established after Independence to produce scientists and technologists of the highest calibre and to provide leadership in the field of technological education and research. The other IITs as Institutes of National Importance, are situated in Delhi, Bombay, Madras, Kanpur and Guwahati. IIT Kharagpur conducts programmes leading to B.Tech, integrated M.Sc., MCP, MBM, M.Tech and Ph.D. degrees. From 1999-2000 it will offer 5 year integrated M.Tech. Courses in selected disciplines and also PG Diploma Programmes in Information Technology at its extension Centres at Calcutta and Bhubaneswar, using distance-cum-contact (Hybrid Mode) of instruction.

No. OF DEPARTMENT/ CENTRES—28

(UG & PG section)

No. OF DEPARTMENT/CENTRE	COURSE	DURATION
(UG & PG Section)	(i) B. Tech. (Hons.)	8 Semester
	(ii) B. Arch. (Hons.)	10 Semester
	(iii) Integrated M. Sc.	10 Semester
	(iv) M. Tech./MCP/MBM	3 Semester
	(v) Integrated dual degree leading to B.Tech & M.Tech degrees	10 Semester
	(vi) Post Graduate diploma in Information Technology	2 Semester

COURSES

DEPARTMENT/ CENTER

- Aerospace Engineering
- Agricultural & Food Engg.

B. TECH.

- Aerospace Engineering
- Agricultural Engineering

M. TECH. /M.S./P.H.D.

- Aerospace Engineering
- Farm Machinery & Power
- Soil & Water Conservation Engg.
- Dairy & Food Engineering
- Applied Botany
- Water Resource Development & Management

OTHER UNIVERSITIES

		• Aquacultural Engineering • Agricultural Systems & Management • Master of City Planning
• Architecture & Regional Planning	• Architecture	
• Chemical Engineering • Bio-technology	• Chemical Engineering • Bio-technology	• Chemical Engineering Biotechnology & Engineering
• Chemistry • Civil Engineering	• Chemistry (M. Sc.) • Civil Engineering	—— • Water Resource Engineering • Transportation Engineering • Environmental Engineering • Soil Mechanics & Foundation Engg. • Structural Engineering
• Cryogenic Engineering • Computer Science & Engineering • Electrical Engineering	—— • Computer Science & Engineering • Electrical Engineering • Energy Engineering • Instrumentation Engineering	• Cryogenic Engineering • Computer Science and Information Technology • Machine Drives & Power Electronics • Control System Engineering • Power System Engineering • Instrumentation
• Electronics & Electrical Communication Engineering	• Electronics & Electrical Communication Engineering	• Automation and Computer Vision • Computer Engineering • Fibre Optics & Lightwave Engineering • Integrated Circuits and Systems Engg. • Microwave Engineering • Telecommunication System Engg.
• Humanities & Social Science • Industrial Engineering & Management	—— • Industrial Engineering	• Human Resource Dev. & Management • Industrial Engineering & Management

• Materials Science Centre	——	• Materials Science & Engineering
• Geology & Geophysics	• Exploration Geophysics (M. Sc.) • Applied Geology (M.Sc.)	• Applied Geology
• Mathematics	• Mathematics (M.Sc.)	• Computer Science & Data Processing
• Mechanical Engineering	• Mechanical Engineering • Manufacturing Sc. & Engg.	• Manufacturing Process Engineering • Thermal, Energy & Environmental Engg. • Mechanical Systems Design • Manufacturing Systems Engineering • Mechanical Handling & Automation • Precision & Quality Engineering • Mechanical System, Dynamics and Control
• Metallurgical & Material Engg.	• Metallurgical Engineering	• Metallurgical Engineering
• Mining Engineering	• Mining Engineering	• Mining Engineering
• Ocean Engg., Naval Architecture	• Naval Architecture	• Ocean Engineering
• Physics & Meteorology	• Physics (M.Sc.)	• Atmospheric Science & Technology • Solid State Technology
• Rubber Technology		• Rubber Technology
• Rural Development • Centre for Educational Technology • Post Harvest Technology Centre • Reliability Engineering Centre • Vinod Gupta School of Management • G.S.Sanyal School of Telecommunication	——	• Only Research Programmes

STUDENT AND STAFF AT THE IIT KHARAGPUR

STUDENT STRENGTH

	Present	Planned (in 4 years)
Undergraduate	1981	2476
Postgraduate	999	1249
Research Scholars	538	672
TOTAL	3518	4397

STAFF STRUCTURE

Faculty	500
Academic & Technical Staff	800
Administrative Staff	400
Supporting Staff	700
TOTAL	2400

CENTRAL FACILITIES AT IIT KHARAGPUR

- **Computer & Informatics Centre**
- **Central Workshops and Instrumentation Division**
- **Central Library (including Electronic Library)**
- **Sponsored Research & Industrial Consultancy**
- **Training & Placement Facility for students**

SPONSORED RESEARCH & INDUSTRIAL CONSULTANCY, IIT KHARAGPUR

SRIC Activities

- Sponsored R & D Projects
- **Consultancy Projects & Services to Industries**
- **Foreign Collaboration**
- **MOUs / Turn-Key**
- **Patenting & Technology Transfer**

ON GOING PROJECTS (Last Five Years)

	NUMBER	VALUES (Rs.)
Sponsored	269	47.1 Crore
Consultancy	144	08.6 Crore
TOTAL	413	55.7 Crore

6.3.2 INDIAN STATISTICAL INSTITUTE

203, B. T. ROAD, CALCUTTA-700035.

A leading Institute in the country for study and research in the field of statistics and allied subjects. It was founded by Prof. P. C. Mahalanabis. It conducts B. Stat, M. Stat., M.S. and M. Tech. Courses and Ph.D. programmes. It also conducts various diploma and certificate courses on statistical methods and computer software.

6.3.3 INDIAN INSTITUTE OF MANAGEMENT, CALCUTTA

Joka, South 24-Parganas, Pin-743512

One of the four IIMs of the country, this Institute is held in high esteem in the field of management science. It conducts Post Graduate courses in Business Administration. It also has a fellowship programme.

6.3.4 SAHA INSTITUTE OF NUCLEAR PHYSICS

BI-AF, Sector I, Salt Lake, Calcutta-91 (Phone : 2350-2344/337-0379)

Saha Institute was established in 1951 in memory of Late Dr. Meghnad Saha, one of the greatest Indian Scientists.

Major areas of research :

High energy Physics: Quantum field theory, Standard model and beyond, string theory, Cosmology and early universe. Phenomenology of heavy hadron physics. Plasma physics: Experimental research with Tokamak, Condensed matter Physics : High-Tc super conductors thin films, magnetic properties of solids, NMR studies, surface Physics :

Crystallography and Molecular Biology study of protein Molecules.

6.3.5 ASIATIC SOCIETY

Park Street, Calcutta (Phone : 229-0779)

The Asiatic Society, Calcutta was founded in 1784 by Sir William Jones (1746-1794), eminent Indologist, with the objective of inquiring into the history, science, arts and literature of Asia. This institution proved to be the inspiration behind all literary and scientific activities in the country. Three main activities of the Society concerning the scientific pursuit of the knowledge are (i) Library services (ii) Academic activities and (iii) Publications.

Library :

The Library of the Asiatic Society is one of oldest learned institutions in Asia. The holding numbering more than 2,50,000 volumes comprises, among others, a vast treasure of rare books, journals and other printed materials on Asiatic Arts and Sciences. A vast collection of old volumes of journals are preserved at the Metcalfe Hall at 12 Strand Road, Kolkata. Exhibition and display of books in connection with seminars are regular activities of the Library.

Resource Sharing with other institutions

The followings deserve special mention :

1. INSDOC
2. Indian Association for Cultivation of Science.
3. State Gazetteers office, Govt. of West Bengal.
4. Pashim Banga Bangla Academy.
5. National Council of Science Museum.
6. National Library.
7. Bangiya Sahitya Parisad.
8. Indian Museum.

Museum Section

The Museum of the Society possesses the priceless and unique collection of Manuscripts and Archival documents both in English and Russian, Rare printed Books, Lithographs, Paintings, Busts, Photograph-print, Coins, and Copper-Plate-Inscriptions etc.

Publications

During the year 3 publications have been performed with two awaiting publication.

Exhibition

Several exhibitions of Rare Illuminated Manuscripts & other materials were organized in the Museum of the Society on the occasion of Visit of different distinguished visitors.

Visitors

639 Indian and 63 Foreign visitors from different countries of the world visited the Museum.

Reprography Section

The Reprography Section of the Society, is dealing to the work of making Xerox copies from Books for Reader Service and supplied to various Readers/Scholars of India and Abroad, and documents for official purpose.

Conservation Section

The Conservation Laboratory meant for the preservation and restoration of the Library and Museum materials has performed the following tasks in preserving and restoring manuscripts, rare books and other objects kept in the Museum and Library of the Society.

Publication Section

The Asiatic Society is known to the world of learning mostly because of its publications of high academic standard. The Society has been publishing original and outstanding books periodicals and Booklets which have been able to draw the attention of academic world.

Academic Section

Research works of Fellows with Scholar Supervisors for different projects including outside projects sponsored by the Society deserve mention. Lectures, Seminar, Symposia, Workshops and Training Programme were also held by the Society as a significant part of its academic activities.

6.3.6 BOSE INSTITUTE

P1/12, Acharya Prafulla Chandra Road, Calcutta-700 009

The Bose Institute was founded by Acharya Sir Jagadish Chandra Bose in 1917 for the advancement of science and dissemination of knowledge. The Institute has served the nation for the past 85 years through its pursuit of advancement of knowledge in science and technology. There are departments of Biochemistry, Biophysics, Botany, Microbiology, Chemistry and Physics and the research sections on Animal Physiology, Environmental Science, Immunotechnology and Plant Molecular & Cellular Genetics. In addition, there are support and service centres like RSIC, DIC, Library, Workshop etc.

OTHER UNIVERSITIES

Research Activities

The research programmes of the Biochemistry Department include studies for the basic understanding of gene expression in plants and bacteria, plant and animal biotechnology, yeast and parasite molecular biology, structure-activity relationship proteins and structural biology.

The major theme of the Biophysics Department is structure, function and dynamics of biomolecules. The research interests are mainly focused on proteins, nucleic acids and small pharmacologically active compounds.

The major research goal of Botany Department established in 1917 is to improve crop productivity using conventional and modern techniques, where genes with elite characters particularly those endowed with biotic and abiotic stress tolerance are identified and located in wild relatives, with an objective to incorporate those in cultigens of rice, Brassica, Beta and Chenopodium using breeding, tissue culture and genetic engineering techniques.

The programmes of the Chemistry Department are centred around studies on biomolecules. The major objective is to understand the chemical and biochemical nature of these molecules and gain information about their roles in biological processes.

The research activities of the Microbiology Department address mainly the problems in the areas of parasitic and bacterial infections, drug design, detoxification, plant-microbe and mineral-microbe interactions.

The Physics Department is one of the oldest departments in the Institute, as the founder himself was a physicist. The main objective of this department is to improve our understanding of the basic laws of nature, in the realm of both macro and micro worlds.

The Research Section on Animal Physiology was established in1930 with the objective of understanding basic amphibian, piscine and invertebrate physiology, reproductive physiology, drug research and nutrition.

The section on Environmental Sciences created in1992 mainly deals with studies on Air, Noise, Water, Land and Biological environment and provide consultancy services to Industries. The section extends consultancy work on Quality Control, Monitoring and Control and Environmental Pollution at the local and national level.

The Immunotechnology section was created in 1992. Newly introduced programmes include an effect to understand phage induced modifications and inactivation of host aminoacyl RNA synthetase, and a study of white spot syndrome associated baculovirus affecting shrimp aquaculture in India.

The Plant Molecular & Cellular Genetics section was established in1989 with the objective of studying basic and applied aspects of plant processes through modern molecular approaches.

6.3.7 INDIAN INSTITUTE OF CHEMICAL BIOLOGY

4, Raja S. C. Mullick Road, Calcutta-700 032
(Established in the year 1935)

The Indian Institute of Chemical Biology has always focussed basic research in Bio-Medical science. Over the years, it has endeavoured to attain excellence in basic biological research and to focus attention on applied research.

Main areas of activity :

Leishmaniasis, Vibrio Cholerae, Developmental Neurobiology and Neurological Disorders, Cell Biology, Reproductive Biology, Chemistry of Bio-active Substances, Immunobiology and Immunochemistry, Protein Engineering and Structural Biology, Bio-technology, Theoretical Biology and Modelling of Bio-systems, Drug Designing and Molecular modelling.

AIMS AND OBJECTIVES

- Understanding the molecular basis of pathogenicity of parasitic and bacterial diseases of national importance. Development of early diagnostic methods and immunoprophlactic measures.
- Investigation of the role of thyroid hormones in brain development. Mechanisms of genesis of the features of Parkinson's disease and clinical studies of early diagnosis of the disease as also monitoring of drug therapy.
- Identification and characterization of bioactive materials from natural sources synthesis of new molecules and exploration of their usefulness as potential drugs.
- Mapping of small genomes and sequencing.
- Studies on human genetics of the Indian subcontinent. Identification of disease genes and gene therapy.
- Development of radiopharmaceuticals for diagnosis of different functional disorders.
- Development of diagnostic kits for determination of hormonal disorders.
- Understanding the molecular mechanisms of cellular regulation in gastric hyperacidity and ulceration, muscular dystrophy and related abnormalities.

6.3.8 SATYENDRA NATH BOSE NATIONAL CENTRE FOR BASIC SCIENCES

Block JD, Sector III, Salt Lake, Calcutta –700 091.

The Satyendra Nath Bose National Centre For Basic Sciences was established in 1986 to foster the growth of advanced studies in selected branches of basic sciences and to conduct original researches in theoretical and mathematical sciences and other basic sciences in frontier areas including challenging theoretical studies of future application and to train young scientists for basic researches.

Main Programmes are :

Theoretical Physics, Applied Mathematics, Mathematical Modeling and Theoretical Chemistry. This centre has been maintaining an excellent standard in research activities, conducting various seminars and collaborating programmes with different universities in and outside the country.

Some of the research projects undertaken :

Electronic structure of random alloys, Nuclear Fission and Nuclear structure calculation, Probing the foundation of Quantum Theory, High-Tc Super conductors–effects of radiation damage, Liquid Crystals, Statistical mechanics–theory of sand piles and aggregates.

CHAPTER – 7

COLLEGES

7.1 General Information on Govt. and Non-Govt. Colleges

7.2 Games and Sports in Colleges

7.3 Hostel Facilities in Colleges

7.4 Some Salient Features of Colleges

CHAPTER-7

COLLEGES

7.1 GENERAL INFORMATION ON GOVERNMENT AND NON-GOVERNMENT COLLEGES :

There are, different categories of Colleges in West Bengal under the administrative jurisdiction of the Higher Education Department. They include General Degree Colleges, Law Colleges, Teachers' Training Colleges and Engineering and Technological Colleges. Districtwise distribution of various category of colleges has been shown at page no. 214. General Degree Colleges, and other Colleges in different districts.

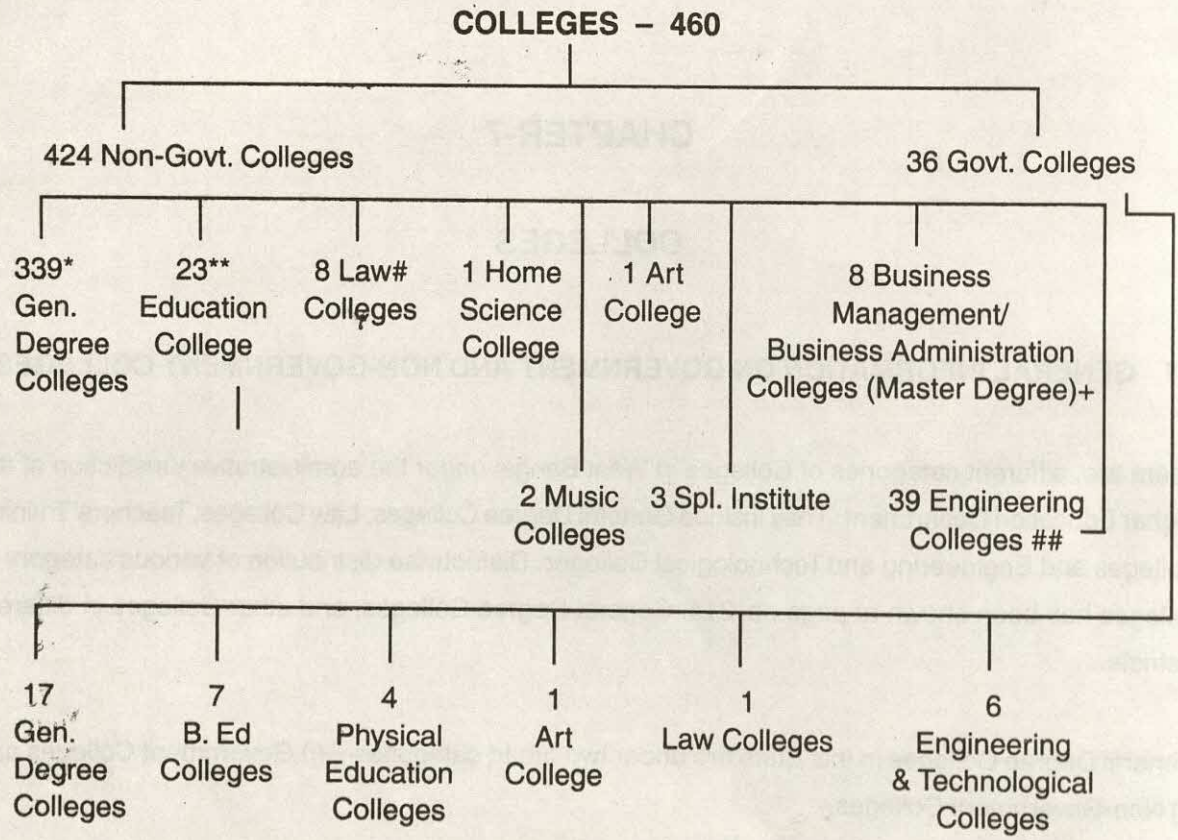
General Degree Colleges in this State are under two broad categories—(i) Government Colleges and (ii) Non-Government Colleges.

Government Colleges are directly controlled by the State Government. The entire expenditure for these Colleges are borne by the Higher Education Department. The teaching and non-teaching staff of these Colleges are Government employees.

The Non-Government Degree Colleges are also financed by the Higher Education Department almost entirely. In 1978, the PAY PACKET SCHEME was introduced for payment of salary of teaching and non-teaching employees of the Colleges under the West Bengal Colleges (Payment of Salaries) Act, 1978. All Non-Government degree colleges (including erstwhile sponsored colleges) receive salary under this scheme. Recently the State Govt. has allowed a few autonomous non profit making societies/ trusts to set up a few private colleges on self financing basis.

The General Degree Colleges have a wide variety in enrolment, subjects offered and in educational achievements. The poor enrolment of some colleges are due to a weak infrastructure, distance from locality, teaching of only pass subjects etc. Steps are being taken for consolidation and improvement of these colleges by introducing diversified courses, honours teaching facility, etc.

COLLEGES



* This includes three self-financing private colleges.

** Includes three self-financing private B.Ed. colleges and National Institute of Orthopaedically Handicapped, Bonhooghly but excludes University Education Departments and Colleges with Education/Education as an elective subject.

\# This excludes three University Law Department (C.U.,B.U., N.B.U.) and W.B. University of Juridical Science.

Five University/University Deptt. (J.U., B.E. College(DU), C.U., B.U. and W.B.U.T. not included).

\+ Exclusively Management Institutes, I.I.M, Joka,, nine Engineering and Technology Colleges with Management Deptt's & six Universities Management Faculties not included.

From the chart it may be seen that the total number of General Degree Colleges in this State in 2003-2004 is 356 and that of Management Colleges is 8. The total number of Engineering and Technology 'Colleges is 45 (Five University/University Deptt. (J.U., B.E. College(DU), C.U., B.U. and W.B.U.T. not included).

Districtwise distribution of colleges with Honours teaching facility is shown in the Table below.

District	No. of Gen. Degree Colleges (Govt. & Non-Govt.)	No. of Colleges with Hons teaching facility
Bankura	14	12
Burdwan	25	25
Birbhum	11	10
Calcutta	67	66
Coochbehar	10	09
Darjeeling	15	13
Hooghly	24	24
Howrah	16	16
Jalpaiguri	12	09
Malda	08	08
Midnapore (East)	15	15
Midnapore (West)	18	18
Murshidabad	18	17
Nadia	15	15
North Dinajpur	06	04
North 24-Parganas	39	36
Purulia	11	11
South Dinajpur	04	04
South 24-Parganas	28	19
Total :	**356**	**331**

The Department feels that Honours teaching facility should be evenly distributed in the districts amongst various subjects in Arts, Science and Commerce Groups. Efforts are being made to move in that direction.

In the case of extension of affiliation to new subjects in the existing colleges, the infrastructure of the particular college, its teaching strength, academic record as evidenced by examination results, location, area served, etc. are taken into consideration. Special importance is also given for according affiliation to new subjects in colleges, which have a higher SC/ ST student population. A number of Govt. and Non-Govt.

COLLEGES

Colleges have been given extension of affiliation in respect of new subjects during 2001-2002. Some colleges have more than one shift on account of student population.

SHIFT SYSTEMS IN COLLEGES

Chittaranjan College, Calcutta	M + D + E
Seth Anandaram Jaipuria College, Calcutta	M + D + E
Victoria Institution, Calcutta	M + D
New Alipore College, Calcutta	D + E
Barrackpore Rastraguru Surendranath College , N.24–Parganas	D + E
Dum Dum Motijheel College, N. 24 –Parganas	M +D
Gobardanga Hindu College, N. 24-Parganas (B.Ed)	D + E
Narasingha Dutta College , Howrah	M + D + E
Uluberia College, Howrah (B.Ed)	D + E
Bidhan Chandra College , Rishra, Hooghly	D + E
Midnapore College	M + D
B. B. College, Asansol, Burdwan	M + D + E
Burdwan Raj College	M + D + E
Katwa College, Burdwan	M + D
M. U. C. Women's College , Burdwan	M + D
Sri Gopal Banerjee College , Bagati, Hooghly	M + D + E
Rampurhat College , Birbhum	M + D + E
Vidyasagar College, Suri	D + E
Ramananda College , Bankura	D + E
Malda College , Malda	M + D + E
Hooghly Mohsin College , Hooghly	M + D + E
Taki Govt. College , N. 24 – Parganas	M + D
Barasat Govt. College , N. 24- Parganas	M + D
Goenka College of Commerce , Calcutta	D + E
A. B. N. Seal College , Coochbehar	M + D
Durgapur Govt. College . Burdwan	M + D
Jhargram Raj College , Midnapur	M + D
Darjeeling Govt. College , Darjeeling	M + D
Chandernagar Govt. College , Hooghly	M + D + E
Srichaityana College	D + E
Bolpur College	D + E
T.D.B. College, Raniganj	M + D
Panskura Banamali College	M + D + E
B. B. College, Asansol	D + E

M = Morning, D = Day, E = Evening

Out of 356 General Degree Colleges in West Bengal only 198 Colleges have the facility for science teaching at Pass and/ or Honours level. These science-teaching colleges are, however, not evenly distributed throughout all the districts. The following table will show percentage of distribution of colleges with science teaching facility in the districts.

COLLEGES WITH SCIENCE TEACHING FACILITY

District	Total No. of General Degree Colleges	No. of Colleges with Science teaching facility	Percentage of Science Teaching Colleges to General Degree Colleges	Percentage of Science Teaching Colleges in the district to total No. of Science Teaching Colleges in the State
Bankura	14	07	50.0	2.72
Burdwan	25	22	88.0	8.56
Birbhum	11	08	72.0	3.11
Calcutta	67	46	68.6	17.89
Coochbehar	10	06	60.0	2.33
Darjeeling	15	07	46.6	1.11
Hooghly	24	20	83.3	7.78
Howrah	16	12	75.0	4.66
Jalpaiguri	12	07	58.3	2.72
Malda	08	06	75.0	2.33
Midnapore (East)	15	11	73.3	4.28
Midnapore (West)	18	16	88.8	6.22
Murshidabad	18	11	61.1	4.28
Nadia	15	09	60.0	3.50
North Dinajpur	06	04	66.6	1.55
North 24-Parganas	39	34	87.1	13.22
Purulia	11	07	63.6	2.72
South Dinajpur	04	03	75.0	1.16
South 24-Parganas	28	21	75.0	8.17
Total	**356**	**257**	72.2	100.00

COLLEGES

Most of the sciences teaching colleges teach physical sciences (Physics/Chemistry). Life Sciences (Botany/Zoology/Physiology) are taught in a much lesser number of colleges. Subjects like Statistics, Geology, Computer Science, Electronics, etc. are taught in a limited number of colleges although there is a great demand for those subjects. In view of the above, the Higher Education Department has been granting affiliation for Computer Science and Electronics in several colleges at both the pass and the honours level.

It may be noted from the following table that only 207 colleges offer teaching in Commerce. As regards districtwise distribution of these colleges, the percentage is high in only 6 districts, namely, Howrah, Hooghly, Burdwan, Birbhum, Nadia and South 24 Parganas.

Number & percentage of Colleges in districts offering facility in commerce teaching

DISTRICT	NUMBER OF GENERAL DEGREE COLLEGES	NO. OF COLLEGES OFFERING COMMERCE TEACHING FACILITY	PERCENTAGE
Bankura	14	07	50.0
Burdwan	25	18	72.0
Birbhum	11	08	72.7
Calcutta	67	37	55.2
Coochbehar	10	04	40.0
Darjeeling	15	06	40.0
Hooghly	24	18	75.0
Howrah	16	15	93.8
Jalpaiguri	12	04	33.3
Malda	08	03	37.5
Midnapore	33	19	57.5
Murshidabad	18	08	44.4
Nadia	15	11	73.3
North Dinajpur	06	03	50.0
North 24-Parganas	39	18	46.1
Purulia	11	06	54.6
South Dinajpur	04	02	50.0
South 24-Parganas	28	20	71.4
Total	**356**	**207**	**58.15**

GIRLS' COLLEGE

The principle of equity demands expansion and promotion of girls' education. The distribution of girls' Colleges is shown below:

Number of Girls' Colleges in districts (with Hostel facility)

DISTRICT	NUMBER OF GIRLS' GENERAL DEGREE COLLEGES	COLLEGE WITH HOSTEL FACILITY
Bankura	01	01
Burdwan	04	04
Birbhum	00	00
Calcutta	25	12
Coochbehar	01	00
Darjeeling	03	00
Hooghly	04	01
Howrah	01	00
Jalpaiguri	01	01
Malda	01	01
Midnapore	02	02
Murshidabad	01	01
Nadia	01	01
North Dinajpur	00	00
North 24-Parganas	06	02
Purulia	01	01
South Dinajpur	01	01
South 24-Parganas	02	00
Total :	**55**	**28**

There are girls' colleges in all districts except Birbhum and North Dinajpur. The oldest Girls' College in the State is Bethune College, which was started in 1879. Besides the above-mentioned colleges, there are some professional colleges (Teachers' Training / Fine Arts/ Home Science etc.) which are meant for girls' students only. There are some co-education colleges with facility of Girl's Hostel.

7.2 GAMES AND SPORTS IN COLLEGES

FACILITIES

Although games and sports are not included in regular curricular programme of General Degree Colleges, the Government encourages these activities in various ways. There are posts of Physical Instructor/ Physical Instructress in all Government Colleges and in some Non-Government Colleges. They are entrusted with the responsibility of organising games and sports in respective colleges. Grants are released to colleges for purchase of equipment for games and sports.

GOVERNMENT COLLEGES

Most of the Govt. Colleges have playgrounds within or outside. The students of the colleges are encouraged to participate in games and sports. An INTER-G COLLEGE ATHLETIC MEET is held every year.

NON-GOVERNMENT COLLEGES

The picture of the non-Govt. colleges is slightly different. It is understood form available data that 105 colleges have playground attached to those colleges, while 25 colleges have playground outside the campus. But the playgrounds of most of those colleges are not spacious enough for popular games like football or cricket. Like G Colleges, inter non-G College athletic meet and Football comptition is organised by the Directorate of Physical Education annualy.

7.3 HOSTEL FACILITIES IN COLLEGES

All the Government Engineering and Technological Colleges have hostel facility. All the Govt. Teachers' Training Colleges, excepting one, also have this facility. Amongst the Govt. General Degree Colleges, however, only twenty (20) colleges have hostels. Amongst the non-Govt. (General Degree and Teachers' Training) colleges, seventy five (75) colleges offer this facility. The number of non-Govt. colleges in each district having hostel facility is shown below :

Number of Colleges in districts offering Hostel facility

DISTRICT	NO. OF GOVT. COLLEGES WITH APPROVED HOSTEL FACILITY			NO. OF NON-GOVT. COLLEGES WITH APPROVED HOSTEL FACILITY		
	BOYS	GIRLS	TOTAL	BOYS	GIRLS	TOTAL
Bankura	—	—	—	05	01	06
Burdwan	—	—	—	03	03	06
Birbhum	—	—	—	06	—	06

Calcutta	03	02	05	07	04	11
Coochbehar	01	01	02	—	—	—
Darjeeling	—	01	01	—	—	—
Hooghly	02	02	04	08	02	10
Howrah	—	—	—	02	—	02
Jalpaiguri	—	—	—	02	—	02
Malda	01	—	01	01	01	02
Midnapore (East)	—	—	—	04	01	05
Midnapore (West)	01	01	02	07	01	08
Murshidabad	—	—	—	03	01	04
Nadia	01	—	01	—	—	—
North Dinajpur	—	—	—	—	—	—
North 24-Parganas	02	—	02	07	02	09
Purulia	—	—	—	01	—	01
South Dinajpur	—	—	—	—	—	—
South 24-Parganas	—	02	02	03	—	03
Total	**11**	**09**	**20**	**59**	**16**	**75**

Demography and Colleges

Name of the District	Comparative Area size 2001	Comparative Population size 2001	Sex Ratio	Density of Population per. sq. km	No. of General Degree Colleges
Bankura	7.75%	3.98%	953	464	14
Burdwan	7.91%	8.63%	921	985	25
Birbhum	5.12%	3.76%	949	663	11
Calcutta	0.22%	5.71%	828	24760	67
Coochbehar	3.82%	3.09%	949	732	10

Darjeeling	3.55%	2.00%	943	510	15
Hooghly	3.55%	6.28%	947	1601	24
Howrah	1.65%	5.33%	906	2,913	16
Jalpaiguri	7.02%	4.24%	941	547	12
Malda	4.21%	4.10%	948	881	08
Midnapore	15.87%	12.01%	955	685	33
Murshidabad	6.00%	7.31%	952	1101	18
Nadia	4.42%	5.74%	947	1172	15
North Dinajpur	3.54%	3.04%	937	778	06
North 24-Parganas	4.62%	11.13%	927	2181	39
Purulia	7.05%	3.16%	953	405	11
South Dinajpur	2.50%	1.87%	950	677	04
South 24-Parganas	11.22%	8.61%	938	694	28

Districtwise distribution of Colleges

District	General Degree (BA/BSc. B.Com)	B. Ed/	Phy. Edn.	Law	Home Scie-nce	Mus-ic	Art	Engg. & Tech.	Businees Manage-ment	Special Institu-tions (H.M. & Inst. of English	Total
Bankura	14	1	–	–	–	–	–	2	–	–	17
Burdwan	25 (1G)	2 (1G)	–	–	–	1	–	8	1	2	39
Birbhum	11	–	–	–	–	–	–	2	–	–	13
Calcutta	67 (6G)	5 (1G)	–	3	1	1	1(1G)	12 (2G)	7	1	98

Cooch-Behar	10(1G)	–	1 (1G)	–	–	–	–	–	–	–	11
Darjeeling	15 (1G)	2	–	–	–	–	–	1	–	–	18
Hooghly	24 (2G)	3 (2G)	1(1G)	1	–	–	–	3 (1G)	–	–	32
Howrah	16	1	–	–	–	–	–	2	–	–	19
Jalpaiguri	12	1	–	1	–	–	–	1(G)	–	–	15
Malda	08	1(1G)	–	–	–	–	–	1	–	–	10
Midna-Pore	33 (2G)	3	–	2	–	–	–	2	–	–	40
Murshida-bad	18	1	–	1	–	–	–	3 (1G)	–	–	23
Nadia	15 (1G)	1	–	–	–	–	–	3(1G)	–	–	19
North Dinajpur	06	1	–	–	–	–	–	–	–	–	07
North 24 Pgs	39 (3G)	5 (1G)	1 (1G)	–	–	–	1	2	–	–	48
Purulia	11	1	–	–	–	–	–	–	–	–	12
South 24 Pgs	28	2 (1G)	1 (1G)	–	–	–	–	3	–	–	34
Sout Dinajpur	04	–	–	1	–	–	–	–	–	–	05
Total	**356***	**30****	**4**	**9#**	**1**	**2**	**2**	**45##**	**8+**	**3**	**460**

G- Indicate Govt. College

* This includes three self-financing private colleges.

** Includes three self-financing private B.Ed. colleges and National Institute of Orthopaedically Handicapped, Bonhooghly but excludes University Education Departments and Colleges with Education as an elective subject.

This excludes three University Law Department (C.U.,B.U., N.B.U.) and W.B. University of Juridical Science.

Five University/University Deptt. (J.U., B.E. College(DU), C.U., B.U. and W.B.U.T. not included).

\+ Exclusively Management Institutes (I.I.M, Joka,), nine Engineering and Technology Colleges & six Universities Management Faculties not included.

7.4 SOME SALIENT FEATURES OF COLLEGES

A. Government Colleges

Post-Graduate Teaching Programmes In Colleges

11 (eleven) Govt. Colleges have post-graduate teaching facilities. The names of the colleges and the subjects taught at the post-graduate level are given below :

NAME OF COLLEGES	SUBJECT TAUGHT AT POST-GRADUATE LEVEL
Darjeeling Govt. College, Darjeeling	Zoology, Botany, English
Hooghly Mohsin College, Hooghly	Political Science, Physiology, Commerce
Presidency College, Calcutta	Physics, Chemistry, Geology, Zoology, Physiology, Botany, Geography, Applied Economics, Hindi
Maulana Azad College	Zoology
Govt. College of Art and Craft	Visual Arts
Post Graduate Training College for Physical Education, Banipur	M.P.Ed
Chandernagar College,Hooghly	Geography
Durgapur Govt. College	Geology
Krishnagar Govt. College	Philosophy & Geography
Lady Brabourne College	Geography
Barast Govt. College	Botany
David Hare Training College	M. Ed.

Centre for Advanced Study

Presidency College has a Centre for Advanced Studies in Economics. This centre was started in 1972 under the Special Assistance Programme of the U.G.C. The centre helps in conducting the teaching programme in Economics at B.A (Hons) level and carries out research programmes. Seminars and workshops are also organised by the Centre on various aspects of macro and micro-economics. The primary thrust of research in the Centre has been in the formulation of approaches and methods for understanding some important problems of Indian economy. Two posts of Professors have been created by the Govt. of West Bengal exclusively for the Centre.

Management of Government Colleges

These are generally controlled by the Higher Education Department, Government of West Bengal with the assistance of the Education Directorate. In addition, every college has a Governing Body which supervises the normal functioning of the Colleges. The Higher Education Department has outlined the reconstitution of the Governing Body of Government Colleges through a Government order.

NON-PLAN PROVISION FOR PAYMENT OF SALARY UNDER THE BUDGETARY HEAD "2202-03-103-NON-PLAN" FOR THE STAFF (TEACHING AND NON-TEACHING) OF THE GOVERNMENT DEGREE COLLEGES (EXCEPTING THE G ENGINEERING & TECHNOLOGICAL COLLEGES AND MEDICAL COLLEGES).

Year	Allotment of Fund(Rs. in lacs)
1994-95	24,05.78
1995-96	29,10.88
1996-97	33,79.00
1997-98	39,45.00
1998-99	39,50.00
1999-2000	57,33.80
2000-2001	63,53.63
2001-2002	59,25.68
2002-2003	61,16.31
2003-2004	48,86.57

B. Non-Government Colleges

Post-Graduate Teaching Programmes :

10 (ten) Non-Govt Colleges have post-graduate teaching facilities. The names of the colleges and the subjects taught at the post-graduate level are given below :

NAME OF COLLEGES	SUBJECT TAUGHT AT POST-GRADUATE LEVEL
Dinabandhu Andrews College	Zoology
Bankura Christian College	English

B.B. College, Asansol	Physics
J.K.College, Purulia	Mathematics
Krishnath College	Sanskrit
Malda College	English & History
Balurghat College	Bengali & Commerce
Raiganj College	Bengali
Ananda Chandra College	Bengali

Evolution of Non-Govt. Colleges

Besides the Government Colleges, the State at present has 424 Non-Government Colleges of different categories of which 339 are non-Government General Degree College. Serampore College, established in 1818 under the initiative of the Danish Government is the oldest. It thus coincides with the year of establishment of Hindu College (later Presidency College) in Calcutta. It was followed by Krishnath College (1853), St. Xaviers' College (1860), St. Paul's College (1865) and Midnapore College (1873). The establishment of the colleges was, in some cases, associated with the National (Education) Movement in India during the British period, such as Surendranath College (1884) and Jadavpur Vidyapith (now Jadavpur Vidyapith College of Education). The decadal growth of Colleges (Appendix II) will show the course of development of Non-Government Colleges. It will be seen from the table that the course of development of these Colleges has been uneven. Under the British rule, it was obviously very slow and the total number of Colleges from 1818 to 1947, was 55. However, the pace of development of Non-Government Colleges accelerated after 1947, mainly through the efforts of the Government. Permission for affiliation for teaching new subjects in B.A./B.Sc./B.Com. (Pass, Hons. Vocational, Physical Education & new emerging subjects) level is granted and additional funding provided. The educational field in the State has been enriched by the contributions of the old Rajas, Zamindars, the common public and the Christian Missions, Ramkrishna Mission and some minority communities as well as the general public.

Since Independence, the Central and the State Governments have appointed various commissions in the field of education, the University Education Commission, 1948-49, the Indian Education Commission (Kothari Commission), 1964-66 and the Education Commission (Ashok Mitra Commission), 1992-93 etc. for the improvement of education and the service conditions of the Non-Government College teachers which were not at par with those of the Government Colleges teachers. Steps taken for the improvement of the service conditions of teachers of Non-Government Colleges since the Left Front Government came in to power in 1977, are enumerated below :

(i) As there was no security in service of College teachers and the payment of their salary was irregular, the present Government, after assumption of power, passed the West Bengal College (Payment of Salaries) Act, 1978 by which the security of service and the payment of salaries were ensured by the State Government. The Pay Packet Scheme is administered by Education Directorate.

(ii) The Governing body of the Non-Government Colleges was democratized by the inclusion of elected representatives of the teaching and the non-teachings staff of the college.

(iii) Previously the non-Government Colleges had to deposit 50% of their income in the Government Exchequer against the total payment of salary by the State Government. But the Government has waived this deposit.

(iv) Similarly, Death-cum-Retirement benefit scheme was sanctioned for teachers of Non-Government Colleges in 1978. In 1993-94 an enhanced rate of pension and other benefits were sanctioned for teachers who had opted for them, making the benefits at par with those of the Government College teachers.

A Pension Cell is attached to the Pay Packet Section of the Education Directorate to look after the payment of the Retirement Benefits of the Non-Government College teachers.

Expansion and Quality improvement :

The State Government has concentrated on the decentralization of educational opportunities to the rural areas to meet the demands of the people for education upto 2002 altogether 117 Colleges have been established since 1977 in different parts of the State. The State Government is equally conscious of the need for improvement of the quality of college education. Every year the State Government has been sanctioning grants for the development of libraries and laboratories of the Colleges. Funds are also released for the repair, reconstruction/ renovation and extension of college buildings.

The responsibility of management of non-Government colleges lies with the Governing Body of the colleges. The academic matters of the Colleges are looked after by the University concerned to which the colleges are affiliated. These colleges are, however, within the administrative jurisdiction of the Education Directorate and the Higher Education Department.

C. National Assessment & Accreditation Council (NAAC)

The last five decades have seen a notable increase in the number of Higher Education Institutions in the country. The need for quality in public Instructions can not be overlooked in any level of educational structure of the country. However, maintenance of quality in Higher Education considering all socio-economic aspects, including the higher amount of investment per student, is a matter of paramount importance.

COLLEGES

In order to address this issue of quality in higher education in the country, an apex evaluatory body, the National Assessment and Accreditation Council (NAAC, Bangalore) has been constituted under the jurisdiction of the University Grants Commission, New Delhi in 1994.

As on 29th April 2003 NAAC has completed the process of Assessment and Accreditation for 512 Institutions of higher learning in the country out of which 94 are Universities and 418 are Colleges. Though initially due to communication gap and other factors, the response to such evaluatory system was lukewarm. But going by the present trend of greater interest being displayed by all concerned the number of Institutions going in for such Assessment and Accreditation is increasing very fast.

In West Bengal seven state-aided universities attached this department and twentynine General Degree Colleges have been assessed and accredited by NAAC so far.

PLACEMENT OF TEACHERS IN NON-GOVERNMENT COLLEGES

The State Government established the West Bengal College Service Commission in 1979 for making recommendations for filling up the vacancies of different categories of teaching posts in Non-Government colleges. The College Service Commission has been successful in filling up the vacant posts of academic staff in large numbers and has helped in raising the academic atmosphere in the Colleges. The State Government set up the West Bengal State Council for Higher Education in 1994. The Council has contributed significantly is addressing the problems of co-ordination among universities and the Colleges affiliated to them and in raising academic standard in the State.

NON-PLAN PROVISION FOR PAYMENT OF SALARY UNDER THE BUDGETARY HEAD "2202-03-104-NON-PLAN" FOR THE STAFF (TEACHING AND NON-TEACHING) OF THE NON-G DEGREE COLLEGES.

Year	Allotment of Fund (Rs. In lacs)
1994-95	113,30.00
1995-96	138,50.00
1996-97	144,60.00
1997-98	165,83.00
1998-99	176,00.00
1999-2000	204,40.00
2000-2001	243,20.00
2001-2002	263,00.00
2002-2003	283,27.84
2003-2004	297,44.23

CHAPTER – 8

PROFESSIONAL COURSES

(Other than Engineering, Technology and Management)

8.1 Teachers' Training

8.2 Physical Education

8.3 Law Education

8.4 Computer and IT related education programme

8.5 Commercial Education

8.6 Art Education

8.7 Music

8.8 Preparatory coaching for I.A.S., W.B.C.S., College Service Commission, Entrance Examination etc.

CHAPTER - 8

PROFESSIONAL COURSES

Apart from Engineering & Technology Education leading to B.E./B.Tech. & M.E./M.Tech./MCA courses and the Management programme leading to MBA/MBM/PGDBM etc. conducted in Engineering & Technology and Management Institutions, DOEACC accredited Computer courses (O,A&B level)and B.C.A., BBA/BBM are also imparted in a number of General Degree Colleges, in a few universities and in some other institutions.

In addition to the above, Professional courses like Law, Education, Teachers training including Physical Education, Art Education, Music, Home Science etc. are conducted in different professional institutions as detailed below :

District	B.Ed	Phy.Edn	Art	Music	Law	Home Sc.	Spl. Institution*
Bankura	1	–	–	–	–	–	–
Burdwan	2 (1 Govt.)	–	–	1	–	–	2
Birbhum	–	–	–	–	–	–	–
Calcutta	5 (1 Govt.)	–	1(1Govt.)	1	3	2	1
Coochbehar	–	1(1Govt.)	–	–	–	–	–
Darjeeling	2	–	–	–	–	–	–
Hooghly	3 (2 Govt.)	1(1Govt.)	–	–	1	–	–
Howrah	1	–	–	–	–	–	–
Jalpaiguri	1	–	–	–	1	–	–
Malda	1 (1 Govt.)	–	–	–	–	–	–
Midnapore	3	–	–	–	2	–	–
Murshidabad	1	–	–	–	1	–	–
Nadia	1	–	–	–	–	–	–
North Dinajpur	1	–	–	–	–	–	–
North 24-Parganas	5 (1 Govt.)	1(1Govt.)	1	–	–	–	–
Purulia	1	–	–	–	–	–	–
South Dinajpur	–	–	–	–	1	–	–
South 24-Parganas	2 (1 Govt.)	1(1Govt.)	–	–	–	–	–
TOTAL	**30**	**04**	**02**	**02**	**09**	**02**	**03**

*Hotel Management - 2
Institute of English - 1

PROFESSIONAL COURSES

8.1 TEACHERS' TRAINING

The Teachers' Training Colleges fall into two categories: (a) B.Ed Colleges and (b) Physical Education Colleges.

LIST OF SECONDARY TEACHERS' TRAINING COLLEGES IN WEST BENGAL WITH THEIR AFFILIATING UNIVERSITIES

Sl.No.	Name of the Secondary Teachers' Training College	Affiliating University	Course Conducted
A.	**GOVT. B.ED. COLLEGE**		
1.	David Hare Training College, (IASE) 25/3, Ballygunge Circular Road, Calcutta –700 019	Calcutta	B. Ed.
2.	Institute of Education for Women, (CTE) Hastings House, Alipore, Calcutta –700 027. 24797034	Calcutta	B. Ed.
3.	Government Training College, (CTE) Hooghly, P.O.& Dist. Hooghly - 2680-2085	Burdwan	B. Ed.
4.	Institute of Education for Women, ~~(CTE)~~ Chandernagore, Dist. Hooghly. Ph-2683-6040	Burdwan	B. Ed.
5.	Government Teachers' Training College, P.O. & Dist-Malda (Ph-953512-252272) pin: 732101 (732101)	North Bengal	B. Ed.
6.	Government College of Education, Banipur, (CTE) P.O. & Dist-24-Parganas (North)	Calcutta	B. Ed.
7.	Government College of Education, P.O. & Dist- Burdwan	Burdwan	B. Ed.
B.	**GOVT. SPONSORED B. ED. COLLEGE**		
1.	A.C.Training College, P.O. & Dist-Jalpaiguri.	North Bengal	B. Ed.
2.	Sree Ramkrishna B.T. College. Darjeeling, Bagmari House, P.O. & Dist-Darjeeling.	North Bengal	B. Ed.
3.	Sevayatan B.T. College, P.O. Sevayatan, Dist –Midnapore.	Vidyasagar	B. Ed.
4.	R. K. M. Sikshan Mandir, B.Ed, College, (CTE) P.O. Belurmath, Dist – Howrah.	Calcutta	B. Ed.
5.	Sponsored Teachers Training College, P.O. & Dist- Purulia.	Burdwan	B. Ed.
6.	Raiganj B.Ed. College, Karnojora Housing Estate, P.O. Raiganj, Dist–West-Dinajpur.	North Bengal	B. Ed.

C.	**B. ED. COLLEGES (NON GOVERNMENT)**		
1.	Union Christian Training College, P.O. Berhampore, Dist-Murshidabad	Kalyani	B. Ed.
2.	Shimurali Sachinandan College of Education, P.O. Anur, Dist-Nadia.	Kalayani	B. Ed.
3.	R.K. Saradapith (B.Ed. College) P.O. Anur, Dist–Hooghly	Burdwan	B. Ed.
4.	Nilkhil Banga Sikshan Mahavidyalaya, P.O. Bishnupur, Dist–Bankura.	Burdwan	B. Ed.
5.	Vidyasagar Teachers' Training College, P.O. & Dist-Midnapore.	Vidyasagar	B. Ed.
6.	Gopal Chandra Memorial College of Education, P.O. New Barrackpore, Dist-24 Parganas (North).	Calcutta	B. Ed.
7.	Gandhi Centenary B.T. College, P.O.Habra, Dist –24-Parganas (North)	Calcutta	B. Ed.
8.	A.B.T.T. College, Calcutta, P-14,Ganesh Chandra Avenue, Calcutta-13	Calcutta	B. Ed.
9.	Calcutta Girls' B.T.College, 6/1 , Swinhoe Street, Calcutta -19	Calcuttta	B. Ed.
10.	Nandalal Ghosh B.T. College, P.O. Madral, Dist. 24-Parganas (North)	Calcutta	B. Ed.
11.	Siliguri B.Ed. College, P.O. Kadamtala, Siliguri, Dist–Darjeeling.	North Bengal	B. Ed.
12.	Jadavpur Vidyapath College of Education, P.O. Jadavpur, Calcutta –700032	Calcutta	B. Ed.
13.	Ramkrishna Mission Brahmananda College of Education, P.O. Rahara, Dist. 24-Parganas (North)	Calcutta	B. Ed.
D.	**UNIVERSITY B. ED. DEPARTMENTS**		
1.	Teachers Training Department, Calcutta University, U. C. A. C. Alipur Campus 1, Reformatory Street, Calcutta-700027	Calcutta	B. Ed.
2.	Vinaya Bhawan, Viswa Bharati University, Santiniketan, Dist-Birbhum	Viswa Bharati	B. Ed.
3.	Kalyani University, P.O. Kalyani, Dist-Nadia	Kalyani	B. Ed.
4.	University B. T. College (North Bengal University), P.O. & Dist. Cooch Behar	North Bengal	B. Ed.

5.	University Institute of Science Education, University of Burdwan, P.O. & Dist –Burdwan.	Burdwan	B. Ed.
6.	B.Ed. Department, Rabindra Bharati University	Rabindra Bharati	B. Ed.
E.	**NON-GOVERNMENT DEGREE COLLEGE (having B.Ed. department)**		
1.	St. Xavier's College, 30, Park Street, Calcutta –700 016	Calcutta	B.Ed.
2.	Scottish Church College, 1 & 3, Urquhart Square, Calcutta –700 006	Calcutta	B.Ed.
3.	Sree Sikshyatan College, 11, Lord Sinha Road, Calcutta –700016	Calcutta	B.Ed.
4.	Acharya. J.C. Bose College, 1 / 1 A, Archarya J.C. Bose Road, Calcutta –700 071	Calcutta	B.Ed.
5.	Loreto College, 7, Middleton Row, Calcutta –700 071	Calcutta	B.Ed.
6.	Fakirchand College, Diamond Harbour, Dist –24-Parganas (South).	Calcutta	B.Ed.
7.	Gobardanga Hindu College, P.O. –Gobardanga, Dist. 24 –Parganas (North).	Calcutta	B.Ed.
8.	Uluberia College, P.O. –Uluberia, Dist-Howrah.	Calcutta	B.Ed.
9.	Bijoy Krishna Girls College, 5/3, Mahatma Gandhi Road, Dist–Howrah.	Calcutta	B.Ed.
10.	Panskura Banamali College, P.O. –Panskura, Dist–Midnapore.	Vidyasagar	B.Ed.
11.	Contai P. K. College, P.O.-Contai, Dist-Midnapore.	Vidyasarar	B.Ed.
12.	Tamralipta Mahavidyalaya, P.O.–Tamluk, Dist–Midnapore.	Vidyasarar	B.Ed.
13.	Katwa College, P.O. - Katwa, Dist. Burdwan	Burdwan	B.Ed.
14.	Kalna College P.O.-Kalna, Dist-Burdwan	Burdwan	B.Ed.
15.	Yogoda Satsanga Palpara Mahavidyalaya, P.O.- Palpara, Dist – Midnapore	Vidyasagar	B.Ed.
16.	Institute of Education, Haldia (Private Self Financing)	Vidyasagar	B.Ed.
17.	Mohanananda College,Rajbandh, Durgapur (Private Self Financing)	Burdwan	B.Ed.
18.	Sarisa B.Ed. College (Private Self Financing)	Calcutta	B.Ed.
19.	National Institute for Orthopaedically Handicapped, BonHooghly (Central Govt.)	Calcutta	B.Ed.

Institute of Advanced Studies in Education (IASE) have been set up at David Hare Training College, Kolkata and at the Deptt. of Education in the University of Kalyani. Centres of Teacher Education (CTE) have been set up in four Teachers' Training Colleges of the State, under a Central Government Scheme.

An M. Ed. Course has been started at David Hare Training College, Kolkata.

8.2 PHYSICAL EDUCATION

A list of institutions providing under-graduate and post-graduate education in physical education is given below :

A. GOVERNMENT PHYSICAL EDUCATION COLLEGES

SL. NO.	COLLEGE	AFFILIATING UNIVERSITY	COURSE CONDUCTED
1.	Post-Graduate Training College for Physical Education, Banipur, North 24 Parganas.	Calcutta	M.P.Ed. (Co-ed.) B.P.Ed.(Co-ed.)
2.	State Institute of Physical Education for Women, Hastings House, Alipore, Kolkata	Calcutta	B.P.Ed. (Women)
3.	Government Physical Education College for Women, Hooghly.	Burdwan	B.P. Ed. (Women)
4.	Government College of Physical Education for Women, Dinhata, Coochbehar.	North Bengal	B.P.Ed. (Women)

B. UNIVERSITY DEPARTMENTS

SL.NO.	DEPARTMENT	UNIVERSITY	COURSE CONDUCTED
1.	Department of Physical Education Kalyani University, Kalyani, Nadia	Kalyani	M.P.Ed. (Co-ed.) B.P.Ed.(Co-ed)
2.	Department of Physical Education Jadavpur University, Jadavpur	Jadavpur	M.P.Ed. (Co-ed.) B.P.Ed.(Co-ed)

Since 1997-98 Physical Education has been introduced as an elective subject for higher education. A good number of Colleges are offering Physical Education as an elective subject and in each College 50 to 60 students have chosen Physical Education as one of their combination subjects.

C. NON-GOVERNMENT COLLEGES WITH PHYSICAL EDUCATION DEPARTMENT

SL.NO.	DEPARTMENT	UNIVERSITY	COURSE CONDUCTED
1.	Nikhil Banga Sikshan Mahavidyalaya, Bishnupur, Bankura (under pay packet scheme).	Burdwan	B. P. Ed. (Men)
2.	Union Christian Training College, Berhampore, Murshidabad (under pay packet scheme).	Kalyani	B. P. Ed. (Men)
3.	Seva Bharati Mahavidyalaya, Kapgari, West Midnapore (under pay packet scheme).	Vidyasagar	B. P. Ed. (Co-Ed.)
4.	Panskura Banamali College (East Midnapore) (under pay packet scheme).	Vidyasagar	B. P. Ed. (Men)
5.	Mukberia Gangadhar Mahavidyalaya, Bhupatinagar, East Midnapore (Self financing scheme).	Vidyasagar	B. P. Ed. (Co-Ed.)
6.	Ananda Chandra College, Jalpaiguri (Self financing scheme).	North Bengal	B. P. Ed. (Men)

D. COLLEGES OFFERING PHYSICAL EDUCATION AS AN ELECTIVE SUBJECT

Sl.No	COLLEGE	DISTRICT	AFFILIATING UNIVERSITY
1.	Garhbeta College	West Midnapore	Vidyasagar
2.	Panskura Banamali College	East Midnapore	Vidyasagar
3.	Pingla Thana Mahavidyalaya	Midnapore	Vidyasagar
4.	Khajuri College	Midnapore	Vidyasagar
5.	Midnapur College	Midnapore	Vidyasagar
6.	Haldia Government College	Mindapore	Vidyasagar
7.	Jhargram Raj College	Midnapore	Vidyasagar
8.	Tamralipta Mahavidyalaya,	(East Midnapore)	Vidyasagar
9.	Mukberia Gangadhar Mahavidyalaya	Midnapore	Vidyasagar
10.	Seva Bharati Mahavidyalaya	West Midnapore	Vidyasagar
11.	Bajkul Miloni Mahavidyalaya	Midnapore	Vidyasagar
12.	Sabang Sajani Kanta Mahavidyalaya	Midnapore	Vidyasagar
13.	Belda College	Midnapore	Vidyasagar
14.	Vivekananda Mahavidyalaya	Burdwan	Burdwan

15.	Rabindra Mahavidyalaya	Hooghly	Burdwan
16.	Memari College	Burdwan	Burdwan
17.	Durgapur Govt. College	Burdwan	Burdwan
18.	Kabi Nazrul College, Murarai	Burdwan	Burdwan
19.	Chatra Ramai Pandit Mahavidyalaya	Burdwan	Burdwan
20.	Kandi Raj College	Murshidabad	Kalyani
21.	Netaji Satabarshiki Mahavidyalaya	North 24 Parganas	Calcutta
22.	Banipur Mahila Mahavidyalaya	North 24 Parganas	Calcutta
23.	Dhrubachand Halder College	South 24 Parganas	Calcutta
24.	B.R. Ambeddkar College, Betai	Nadia	Kalyani
25.	Scotish Church College, Kolkata	Kolkata	Calcutta
26.	Rabindra Mahavidyalaya, Champadanga	Burdwan	Burdwan
27.	Siliguri College	Darjeeling	North Bengal
28.	Ananda Chandra College	Jalpaiguri	North Bengal
29.	Joypur P. Roy College	Howrah	Calcutta
30.	Durgapur Govt. College	Burdwan	Burdwan

8.3 LAW EDUCATION

The introduction of law education in India can be traced back to the year 1827 when the course was introduced in Hindu College. When Presidency College came into being in 1855, law education became an important department of the College. Various factors, however, compelled this law department to be abolished in 1884. Ripon College (now Surendranath College) was granted affiliation to teach B. L. in 1885. The next major step in law education of the State was taken when Calcutta University opened its law college in 1909. Since 1970, four more law colleges have come up, along with law colleges at North Bengal and Burdwan Universities. The academic status of law education has however, fluctuated over the decades. Initially, it attracted brilliant scholars and produced most of the legal luminaries of the 19th century. After the First World War, the legal profession became overcrowded. After the Independence, law graduates came to be in high demand due to industrial and commercial growth and the facilities for law education was expanded.

Previously, the study of law comprised 3 year courses but of late, a major innovation has been made by introducing a 5-year integrated course on the recommendations of the All India Bar Council. The course starts beyond the H.S. stage and the first 2 years include, apart from some basic law courses, English, Political Science, History and allied subjects. The last three years are devoted to the teaching of only law subjects.

PROFESSIONAL COURSES

The West Bengal University of Juridical Science was formally inaugurated on 22nd April 2000. The admission to the 5-year Course in law offered by the University is made through an All India Entrance Examination. The present position in legal education in the State is enumerated below in a summary form :

TYPE OF COURSES

(i) L.L.M. — 3 University Departments and in the newly established University of Juridical sciences.

(ii) L.L.B. — 9 Colleges and 4 University Departments.

(i) L L.M. COURSE

COLLEGE	INTAKE					DURATION
	M.	F.	S.C.	S.T.	TOTAL	
(a) Calcutta University						
Regular	6	2	2	-	10	2 yrs. : Day
External	11	-	3		14	
(b) Burdwan University	12	1	3	-	16	2 yrs. : Day
(c) North Bengal University	16	6	2	-	24	2 yrs. : Day

(ii) L L.B. COURSE

CALCUTTA UNIVERSITY

(i) Preliminary (ii) Intermediate (iii) Final

5 yrs. Course; after 10 + 2 class

	COLLEGE	INTAKE					DURATION
		M.	F.	S.C.	S.T.	TOTAL	
(a)	Calcutta University Law Department Hazra Road, Calcutta-700 019 Ph. : 2475-1766/5801	192	128	89	1	320	Whole time course Day or Morning
(b)	Jogesh Ch. Choudhury Law College 30, Prince Anwar Shah Road, Calcutta - 700 033 Ph. : 2473-4622	247	73	39	2	320	Morning
(c)	South Calcutta Law College Swinhoe Street, Cal-19 Ph. : 2440-8182	-	-	-	-	320	Morning

(d)	Surendranath Law College 24/2, Mahatma Gandhi Road, Calcutta Ph. : 350-3896	225	95	87	3	320	Morning

UNIVERSITY OF BURDWAN, GOLAPBAG

(i) Preliminary (ii) Intermediate (iii) Final

[3 yrs. after graduation (40% or Hons. / Masters in any subject)]

COLLEGE	INTAKE					DURATION
	M.	F.	S.C.	S.T.	TOTAL	
(a) Hooghly Mohsin College	65	15	21	1	80	Afternoon 2 P.M.
(b) Burdwan University Law Deptt.						

NORTH BENGAL UNIVERSITY

(i) Lateral 5 yrs. after 10+2 (40%), (ii) LL.B. 3 yrs. after Pass or Hons

COLLEGE	INTAKE					DURATION
	M.	F.	S.C.	S.T.	TOTAL	
(a) North Bengal University Law College	179	110	30	12	289	Day
(b) Jalpaiguri Law College	N.A.	N.A.	N.A.	N.A.	N.A.	
(c) Balurghat Law College	N.A.	N.A.	N.A.	N.A.	N.A.	
(d) Kalyani University	N.A.	N.A.	N.A.	N.A.	N.A.	
(e) Kandi Law College						

Vidyasagar University

(a) Haldia Law College	N.A.	N.A.	N.A.	N.A.	N.A.	
(b) Midnapore Law College	N.A.	N.A.	N.A.	N.A.	N.A.	

8.4 COMPUTER AND IT RELATED EDUCATION PROGRAMME

8.4.1 a) *B. C. A. Course*

A number of General Degree Colleges affiliated to different universities including Calcutta, Burdwan and North Bengal are conducting BCA Courses. In a few Engineering Colleges affiliated to the West Bengal University of Technology have also introduced the BCA course.

8.4.2 Computer Science & Electronics (Hons.) and General Courses

b) At present B.Sc.(Hons.) course in Computer Science is offered in some of the general degree colleges and Electronics in 14 general degree colleges. B.Sc.(General) courses with Computer Science are available in around 50 colleges and with Electronics in 40 General Degree Colleges. Vocational courses in Computer Science are also available in 21 colleges.

B.Sc.(Hons.) courses in Computer Science and Electronics are also proposed to be introduced in a few general degree colleges where general courses with Computer Science/Computer Application/Electronics as elective or vocational subjects are taught.

8.4.3 DOEACC ACCREDITED COMPUTER COURSES IN 'O' 'A' 'B' AND 'C' LEVEL

a) Computer Courses in 'O'(Foundation courses), 'A' (PGDCA), 'B'(MCA) And 'C' (M.Tech.) level are conducted at the Institute of Computer Engineers (India), Chatterjee International Centre, 33A, Chowringhee Road; Kolkata-700071 and in some other institutions.

b) The DOEACC accredited 'O' & 'A' level courses are also conducted by the Institute of Computer Engineers (India) in collaboration with a number of (69 Centres) General degree colleges and universities.

8.4.4 The Netaji Subhas Open University, in collaboration with the Regional Computer Center, Kolkata, has set up the School of Digital Learning. The school is offering modular courses in Web Application Development, Information Technology and Multimedia Content Development etc.(leading to BCA degree), on a pilot basis at its premises in Gol Park,Calcutta-700 029. The university has started MCA course in collaboration with CMC Ltd.

8.4.5 Jadavpur University has introduced a number of short time courses in Multimedia, IT and related areas.

8.5 COMMERCIAL EDUCATION

8.5.1 RAMKRISHNA MISSION ASHRAMA COMMERCIAL INSTITUTE

Narendrapur, Kolkata – 700103
West Bengal, Phone No.477-2201.

The demand for manpower with the working knowledge of Computer/Electronic Typewriting/ Shorthand/ Typewriting (Manual) and Spoken English and its application in business, profession and almost in every other field has been steadily increasing during the post few years. Ramkrishna Mission Ashrama Commercial Institute aims at extending these training to enable young boys and girls to have employment at different offices at convenient reasonable and affordable charges. It offered shorthand and typewriting course in English to 40 and 70 in the year 2000. During the same period it offered shorthand and typewriting course in Bengali to 23 and 48 students respectively. 75 students are taking training in Spoken English and in Computer 125 students are getting training in different courses such as Office Management Course/ Financial Accounting/ DTP with Bengali Font and Multimedia at present.

8.5.2 A number of other private institutions also offer similar courses of short duration.

8.6 ART EDUCATION

There are two Art Colleges in the State; one of them is a Government College and the other is a Non-Government College, supported by the Government for its maintenance.

8.6.1 GOVERNMENT COLLEGE OF ART AND CRAFT

28, Jaharlal Nehru Road, Calcutta-700016.
Telephone : 249-2027

The Government College of Art and Craft, originally started as the School of Art in 1864, was established in 1950. The University of Calcutta granted affiliation to the College in 1981. The Master of Visual Arts Course was started in 1999-2000.

The original building of the college is in the pattern of the Royal College of Art, London. Subsequently more buildings have come up to accommodate various departments and activities of the college.

COURSES OF STUDY AND OTHER ACTIVITIES

Five years integrated course :

i) Preparatory Course (equivalent to H. S.) —Two years

ii) Bachelor of Visual Arts (Honours Degree Course)- Three years with seven streams—Drawing and Painting (Western Style), Drawing and Painting (Indian Style),

Graphic Design / Applied Art, Modeling and Sculpture, Ceramic Art and Pottery, Textile Design and Woodwork, Leather Craft, Toy making.

Master of Visual Art (MVA) : Two years Post graduate course with the following three streams

A. Painting
   (a) Oil-based Techniques.
   (b) Water-based Techniques.
   (c) Print Making
B. Modeling and Sculpture
C. Applied Art and Design.
   (a) Applied Art.
   (b) Ceramics
   (c) Textiles.
   (d) Wood and Leather Craft.

8.6.2 THE INDIAN COLLEGE OF ARTS AND DRAFTSMANSHIP

72, Dum Dum Road, Calcutta-700 074
Establishment year-1893
(Affiliated to Rabindra Bharati University)

COURSES OFFERED :

Bachelor of Visual Arts: 5 years integrated course ; Preparatory course - 2 years duration consisting of 800 marks ; Theory-400 and Practical 400.
Specialization course of 3 years duration with Specialization in Painting, Sculpture and Applied Art (Commercial Arts). The course is of an Honours standard.

8.7 MUSIC

8.7.1 BENGAL MUSIC COLLEGE

P-1, C.I.T. Scheme - LXXII, Gariahat Road,
Calcutta-700 029, Ph. 466-2692
(Affiliated to Calcutta University, Established : 1940)

OBJECTIVE

The Bengal Music College has been established to extend systematic training in the field of Indian

Classical Music, Rabindra Sangeet, Folk Songs of Bengal, Thumri, Bhajan, Puratani and Modern Bengali Songs, etc. The College is a pioneer in the field of Music Education in West Bengal. The College offers Music as an elective subject in B.A/B.Sc. Degree Course under Calcutta University.

Name of Course	Duration	Intake Capacity
Bachelor in Music (Pass)	3 years	50 (including SC/ST)
Bachelor in Music (Hons.)	3 years	20 (including SC/ST)
Music as an elective subject B.A. / B. Sc. Course	3 years	200 (including SC/ ST)

Apart from the above college of Music, there is a Music college in Burdwan offering Degree and Diploma/Certificate in Rabindra Sangeet, Classical and Instrumental Music.

Rabindra Bharati and Viswa Bharati Universities have their Music Departments offering under graduate and post-graduate degrees and diplomas.

8.8 I.A.S. & W.B.C.S COACHING CENTRES

There is an I.A.S. Training Centre at Presidency College. It prepares students for both the Preliminary and Main Examinations. It also arranges mock interviews for those who have qualified for the Personality Test. Besides the compulsory subjects, it offers training in 15 optional subjects for the Preliminary Examination and 18 optional subjects for the Main Examination.

The annual intake of students at the Centre is normally 60. The session starts from the middle of August every year and continues up to the end of October next year. The Centre has achieved some success. The number of successful students of the Centre in the last four years is 6 and the best ranking so far is 19th.

A Coaching Centre has been opened at Maulana Azad College, Calcutta in 1991 to help candidates from educationally backward minorities to take competitive examinations as per scheme by the U.G.C.

IISWBM, Rabindra Bharati University and a few other Non-Government Colleges have been imparting training for W. B. C. S. and I. A. S. Examinations. Coaching facilities are available in Basanti Devi College, Indian Institute of Social Welfare and Business Management and Asutosh College, in Calcutta.

CHAPTER – 9

ACTIVITIES OF THE WINGS OF THE GOVERNMENT, ACADEMIES AND ORGANISATIONS

9.1 Institut de Chandernagore

9.2 Institute of English

9.3 Joint Entrance Board

9.4 Netaji Institute for Asian Studies

9.5 National Cadet Corps (NCC)

9.6 National Service Scheme (NSS)

9.7 Paschim Banga Hindi Academy

9.8 West Bengal District Gazetteers

9.9 West Bengal State Archives

9.10 West Bengal State Book Board

9.11 West Bengal State Council Of Higher Education

9.12 West Bengal College Service Commission (WBCSC)

9.13 Day Students' Homes

CHAPTER - 9

ACTIVITIES OF WINGS OF THE GOVERNMENT, ACADEMIES AND INSTITUTES

9.1 INSTITUT DE CHANDERNAGORE

Strand Road, Chandannagar, Hooghly, Phone-(003) 2683-9661

On 2nd February, 1951, the Treaty of cession of Chandernagore was signed by the President of Franch Republic and the President of India. In pursuance of said Treaty, Article IX, the Museum as cultural souvenir of two countries was established by the Government of India with the collection of Harihar Sett, in 1952 at Chandernagore at the former French Governor's Residence, Dupleix House.

On 2nd October, 1954, the town of Chandernagore was merged with the State of West Bengal, as a sub-divisional town in the district of Hooghly. As per provisions of the Treaty, recommendation of the Jha Commission and the Merger Act, the Museum was re-organised in the new name "INDO-FRENCH CULTURAL CENTRE AND MUSEUM" (Institut de Chandernagor) with three wings MUSEUM, LIBRARY and FRENCH LANGUAGE STUDY under Higher Education Department, Government of West Bengal, on the 13th January, 1966.

The buildings of the Institut de Chandernagor, "Dupleix Palace" has been declared as the Ancient Monument of National importance in terms of the provision of the Ancient Monument and Archaeological sites and Remains Act, 1958.

The Museum occupies the major part of the Main Building and covers ten (10) rooms. The co11ections are based on a classification of the historical and cultural interest between 17th to 20th centuries, as (1) Archaeology in Bengal (2) European settlement, (3) Arrival of the Portuguese in 15th century, (4) Sculpture, (5) Painting, (6) coins, (7) Arts and crafts Textile, (8) Folk Art, (9) Terracotta, (10) French Furniture, Dupleix bed, (11) Ivory, (12) Indian Freedom Movement, Rabindra Nath Tagore and miscellaneous objects.

In the financial year 2003-2004 about twenty five thousand visitors visited the museum including more than two thousand foreign visitors. Museum remains closed on Thursday and on Govt. holidays.

Temporary Exhibition :

In connection with 125th Birth Day Anniversary of Harihar Sett, an exhibition was held from 19th to

25th December 2003 on "Periodic History of Chandernagore". The exhibition was inaugurated by His Excellency Mr. Dominique Girard, Ambassador of France to India.

A painting and photographs exhibition was held on and from 23rd to 30th January 2004 on MANAB-CHETANA - "Human awarness". These paintings were donated by Hari Narayan Das.

Library :

The library is located in the Southern wing of the Main building. The library has a rich collection of 18,200 Books in three languages, French, English and Bengali on language, history, Art and Culture. The research fellow of different and foreign universities visit the library.

French Language Course

The Institute offers a course to study French Language and Literature in two levels, Certificate and Diploma, each course is of year duration in two semesters - January to June and July to December. It is part time at evening course. Admission Criteria : Higher Secondary pass.

1) Certificate course - One year - two semesters.

   Certificate Part-I, Enrolment - 102, Passed - 39

   Certificate Part-II, Enrolment - 23, Passed - 15

2) Diploma course - One year - two semesters.

   Diploma Part-I, Enrolment - 11, Passed - 9

   Diploma Part-II, Enrolment - 8, Passed - 6

Revenue

The institute earned a revenue amounting to Rs.38, 180.00 in financial year 2003-2004 which was deposited to the State Bank of India, Chandernagar branch in the Education Receipt Head - "0202=-01-103-001-15"

Project

The computer wing of the institute is going to organise documentation of rare collection of library books and museum collections in CD Educational programme would be introduced for the students in the area soon.

9.2 INSTITUTE OF ENGLISH

119, S.P. Mukherjee Road, Calcutta –700 026, Phone 2466-3039.

The Institute was founded by the Government of West Bengal in collaboration with the British Council in 1963. It is an autonomous institution under the financial and the administrative control of the Education Directorate. It enjoys full academic autonomy in devising courses and syllabus, conducting examinations and conferring diplomas.

I. COURSES :

Diploma in English Language Teaching (DELT) :
A full time course with the objective of improving the standard of English teaching and learning in the schools of the state. Two courses are conducted in a year, having a duration of 4 months each (January to April and June to September).

II. ENTRANCE QUALIFICATIONS :

(a) DELT

(i) Practising teachers of English from Secondary and Higher Secondary Schools; Lecturers in English from Colleges; or

(ii) Graduates with Hons. or M.A . in English.

III. EXAMINATION

Mid-term test

Final Test

Course Assignment

Practice and final teaching

IV. PROJECTS UNDERTAKEN :

(a) Field evaluation of DELT Course;

(b) Multi-media materials production;

(c) Curriculum implementation and classroom interaction: a close study on the workability of "Step to Learning English" as prescribed by the WBBSE for Class V.

(d) Building Learner Profiles–a systematic study of Proficiency levels at school leaving stage.

V. PUBLICATIONS :

(i) A report on the Field Evaluation of the DELT Course.

(ii) Active listening I — Students' workbook — Teachers' Manual — 3 Cassettes.

(iii) Active Listening II — Students' workbook — Teachers' Manual — 3 Cassettes

(iv) Listening for pleasure III — Teachers' Manual — 2 Cassettes

9.3 JOINT ENTRANCE BOARD

WEST BENGAL BOARD OF EXAMINATION FOR ADMISSION TO ENGINEERING, MEDICAL AND TECHNOLOGICAL DEGREE COLLEGES, HOWRAH (or JOINT ENTRANCE BOARD, HOWRAH)
Slater Hall, B. E. College (D. U.), Howrah 711103

The Joint Entrance Board is a self-financing organisation established in the year 1962 in terms of an Executive Order issued by the Higher Education Department (Technical Branch), Government of West Bengal.

Following examinations are conducted by the Board at present :

(1) Engineering Degree Colleges (from 1962). At present the total number of Colleges are **41** upto 2002. – **JEM**

(2) Technological Degree Colleges (from 1971) – **JEM**

(3) Medical/Dental Colleges (from 1972) – **JEM**

(4) State Polytechnics (from 1979) – **JEXPO**

(5) Master of Computer Application Courses (from 1989) - **JECA**

(5) Master of Computer Application Courses (from 1989) with Bengal Engineering College (A Deemed University) and Jadavpur University.

From 2000 onwards Burdwan University, Vidyasagar University, North Bengal University, Regional Engineering College, Durgapur & R.C.C. Institute of Information Technology, Kolkata were also included under Joint Entrance Examination.

In the year 2001, Kalyani Govt. Engineering College, Netaji Subhas Engineering College, Siliguri Institute of Technology; Techno India, Kolkata; Asansol Engineering College; Bengal Institute of Technology, Kolkata; Haldia Institute of Technology, Pailan College of Management & Technology were included.

At present total number of colleges are 18 upto 2002 - **JECA**

(6) B. Arch. Course at B.E. College (D.U.) and Jadavpur University (from 1990) – **GDAT**

(7) B A M S. — Ayurvedacharyya/Diploma in Marine Engineering (from 1992) – **JEMARH**

(8) B. H. M. S. (Homeopathy) Course (from 1997) – **JEMARH.**

(9) B.Sc. in Physiotherapy Course in I.P.G.M & R (from 1999) – **JEMARH.**

(10) Lateral entry to 2nd year of the four years course of Bachelor Degree in Engineering/Technology in west Bengal (from 2002) – **JELET**

(11) Degree Level Hotel Management Courses in West Bengal (from 2003) - **JEHOM**

After 1998 the admission test conducted by the Board for admission to Diploma Course in Marine Engineering was discontinued following the decision taken by the West Bengal State Council of Technical Education to admit students on the basis of marks obtained in the Higher Secondary Examination.

The Office of the Board is situated from its inception at Slater Hall, within the B.E. College (D.U.) Campus. The Vice-Chancellor of the B.E. College (D.U.) is the Chairman of this Board while twenty-three other members include the heads of professional colleges, Official from the Department of Higher Education and Health of the Government of West Bengal and Member Secretary who happens to be a Senior Faculty Members of B.E. College (D.U). Additional Secretary who happens to be a faculty member of B.E. College (D.U.) is a permanent invitee of the Board. The total number of candidates appearing in all the examinations taken together has increased from 5,000 in 1962 to nearly 1,00,000 in the year 2003.

Different Examinations conducted by the Board during the year 2002 & 2003 for regulating the admission of the students to professional colleges and courses as given in the following table. The names of the corresponding examinations are given in abbreviated form within the brackets :-

Sl. No.	Professional Colleges/Courses to which admission was sought through Joint Entrance Examination	No. of Candidates Enrolled - 2003
1.	State Polytechnics **(JEXPO)**	12,851
2.	Engineering/Technological & Medical / Dental Colleges **(JEM)** (i) Engineering / Technological (ii) Medical / Dental	 36,641 34,337
3.	Master of Computer Application **(JECA)**	2,775
4.	B. A. M. S. – Ayurvedacharys and B.H.M.S. in Homeopathy and B.Sc. in Physiotherapy **(JEMARH)**	2,814
5.	Supplementary Examination of JEM- Engg. for admission to B. Arch. course **(GDAT)**	746
6.	Lateral entry to 2nd year of the four years course of Bachelor Degree in Engineering/Technology – **JELET**	2,094
7.	Degree Level Hotel Management Courses in West Bengal (JEHOM)	220

9.4 NETAJI INSTITUTE FOR ASIAN STUDIES

(Estd. 1981)

1, Woodburn Park, Calcutta- 700 020,

Telefax 2247-3145;Telephone : 2287-1079; Email : nias@cal2.vsnl.net.in

With the help of maintenance and research grants of the Higher Education Department of the Government of West Bengal and additional resources from other funding agencies the Institute has been successful in implementing its research mandate on (a) Indian National Movement, especially the role of Netaji Subhas Chandra Bose and the Indian National Army, (b) Trends in the nation-building processes in South and South- East Asia and (c) Asian relations.

I. The Faculty :

(i) Dr. Suranjan Das, Pro Vice-Chancellor for Academic Affairs, University of Calcutta, is the Honorary Director of the Institute.

(ii) Dr. Mamata Desai is Professor, Department of Ecology and Environment.

(iii) Dr. Ramkrishna Chattopadhyay is Assistant Professor, Department of Social and Political History.

II. Research Projects of the Institute :

(i) A project on collating & publishing documents on the working of municipal Government in 19th century Kolkata.

Coordinated by Suranjan Das, Pranab Chattteljee and Premangshu Bandopadhyay (funded by the Government of West Bengal).

(ii) Tribal Education Programme

Coordinated by Mamata Desai (funded by the Government of West Bengal).

(iii) Subhas Chandra Bose and INA: Collection and compilation of Oral Testimonies from INA Activists

Coordinated by Ramkrishna Chatteljee (funded by the Government of West Bengal).

(iv) Political -Economic Development in Rural Bengal's Panchayat system -The role of Women.'

Coordinated by Chitra Ghosh (funded by the Government ofWest Bengal).

(v) CitizenSubhasChandra:ManagingCivicAdministrationinColonialTimes , Coordinated by Mohit Bhattacharya (funded by the Government of West Bengal).

(vi) Towards a social History ofVintage Calcutta: B.B.D.Bagh as a Heritage Site Coordinated by Basudeb Chattapadhyay (funded by the Government of West Bengal).

(vii) Problems, Prospects and Impact of Development on Lodha Cornmunity; Primitive Tribes of West Bengal. Co-ordinated by Mamata Desai and sponsored by the Cultural Research Institute and Tribal Welfare Department Government of West Bengal.

(viii) Changing Ecological and Demographic Profiles of the Tea Gardens in the Kurseong Subdivision, Daljeeling District. Co-ordinated by Mamata Desai and sponsored financed by Department of Higher Education, Government of West Bengal.

(ix) Mapping of Drainage Pattern in the Form of Basin Catchment in the Daljeeling Hill Areas. ' sponsored by UNICEF & financed by the Hill Administration.

(x) 'Mapping & Analysis of the status of the roads under PWD- NBCD in the Kalimpong subdivision of Daljeeling District, sponsored & financed by the PWD, Govt. of W .B.

(xi) Preparation of Course Material for 'Environmental Engineering Course' sponsored by the Ministry of Technical Education, Govt. of W.B.

(xii) 'Linguistic and Cultural Heritage of North Bengal' funded by Department of Higher Education Government of West Bengal and coordinated by Dr . Rarnkrishna Chattopadhyay.

(xiii) Subhas Chandra Bose and the INA: Collection and Compilation of 'Oral Testimonies from the INA activists' coordinated by Dr. Rarnkrishna Chattopadhyay (Funded by the Department of Higher Education Government of West Bengal).

(xiv) 'Labour -Capital Relations in South and South-East Asia: A Comparative Study' Coordinated by Dr. Rarnkrishna Chattopadhyay. Project completed and the volume is in press.

(xv) 'Orality and Marginality in Post-colomal Calcutta' co-ordinated by Dr .Ramkrishna Chattopadhyay and Dr. Satyajit Dasgupta (Funded by SEPHIS and in collaboration with Paschim Banga Itihas Sansad). Project has been completed and the volume is in press.

(xvi) A collaborative project on 'Women in Calcutta Slums' with Kolkata Socio-cultural Research Institute, Kolkata, funded by Department of Higher Education, Government of West Bengal.

(xvii) 'Causes of High Drop-out Rates in Bankura and South 24 Parganas, sponsored by DPEP, West Bengal and Co-ordinated by Ashis Guha.

(xviii) 'Study of Grade Repetition in Three districts of West Bengal', sponsored by Paschim Banga Rajya Prarambhik Siksha Unnayan Sanstha, West Bengal and co-ordinated by Professor Ashis Guha.

III. Important Seminars/Workshops organised by the Institute :

1) Prof. Barun De, Member, West Bengal Heritage Commission spoke on 'The USA, Central Asia and the New Asian International Relations' on May 3 2003 at a seminar jointly organised in collaboration with Indian Association for Asian & Pacific Studies.

2) Professor Ranjan Chakraborti, Jadavpur University, initiated the second round of discussion organised by the Environment History Group of NIAS on the 5th July 2003.

3) Khondekar Iftekar Iqbal of Cambridge University, UK, spoke on 'Bengal Delta under Colonial Rule: Ecological Perspectives' on 19th July 2003.

4) Annual Sarat Bose Memorial Lecture was delivered by Dr. Jayantanuja Bandyopadhyaya, Professor Emeritus of International Relations, Jadavpur University, on November 21, 2003.

5) Annual Netaji Birthday Anniversary Lecture delivered by Professor Mohit Bhattacharyay, former Vice-Chancellor of the University of Burdwan.

6) Mr. Sunandan Roy Chowdhury, Editor-Publisher, Sampark Journal of Global Understanding, New Delhi, spoke on 'Dhaka University and the Making of Civil Society in Bangladesh' on 26th February 2004.

7) A one-day panel discussion on 'Linking of the Indian Rivers -An Impact Assessment', was held on 26th March 2004.

IV. Important Recent Publications of the Institute :

(i) *Asian Studies* (Institute's biannual journal).

(ii) The *Food Movement of* 1959: *Documenting A TumingPointIn* The *History Of West Bengal* (in collaboration with the Department of History, University of Calcutta) eds. Suranjan Das and Premangshu Bandopadhyay (2004).

(iii) Interpreting A Nation : Selections from Sarat Cchandra Bose's THE NATION (compiled and edited by Anjan Bera).

(iv) Netaji Subhas Chandra Bose: *Selected Bibliography* (compiled by Tapas Das).

(v) Communalism Condemned: Gujarat Genocide, 2002 (compiled and edited by Prof. Basudeb Chattopadhyay, Prof. Ashish Ranjan Guha and Dr. Rarnkrishna Chatterjee)

(vi) Opening the Closed Windows (compiled by Prof. Chitra Ghosh, Ms. Soma Ray and Ms. Chandni Chande)

(vii) Nazrul : Satabarsher Sradhyargya (in Bengali), published in collaboration with West Bengal College and University Teachers' Association.

V. The Library :

With the financial help from the Government of West Bengal the Institute has been able to enrich its collection on Indian national movement, post-colonial developments in South Asia, the environmental question in South Asia and Asian relations. The books in Library have also been cataloged, both author-wise and subject-wise. Efforts are being made to have a computer catalogue of the Library holdings.

Netaji museum and centre for studies in himalayan languages, society and culture

The Institute has been entrusted with the task of setting up the above Museum and Centre at Giddha Pahar , Kurseong. The house of late Sarat Chandra Bose at Giddha Pahar, which had been acquired by the State Government, was thoroughly renovated by the PWD and at a function held on 15 December 2000. The SDO, Kurseong, handed over the building to Professor Suranjan Das, Director of Netaji Institute For Asian Studies, in the presence of Prof. Satyasadhan Chakraborty, Hon'ble Minister-in-Charge, Department of Higher Education, Government of West Bengal, and Shri Hirak Ghosh, Principal Secretary, Government of West Bengal, Higher Education Department. A permanent exhibition on Netaji Subhas Chandra Bose and Sarat Chandra Bose and activities of Azad Hind Fauz has been set up in the Centre. The personal effect of Netaji and Sarat Chandra Bose and the furniture used by them are also on display. With the help of a grant of Rs. 25 lakhs from Prof. Bharati Roy's MP LAD fund a Director's Quarter and a Guest House for visiting scholars who will be working at the Institute have been constructed.

On 23rd January 2004 Netaji Birthday was celebrated at the Centre. The Indian Museum is in the process of setting up a permanent museum on Netaji, INA and the Indian Freedom Movement at the Kurseong Centre.

9.5 NATIONAL CADET CORPS (NCC)

9.5.1 NCC : AN INSTITUTION

The National Cadet Corps (NCC) has its genesis in the 'University Corps', which was created under the Indian Defence Act, 1917, with the object to make up the shortages of the Army. In 1920, when the Indian Territorial Act was passed, the 'University Corps' was replaced by the 'University Training Corps (UTC)'. In 1942, the UTC was renamed as the 'University Officers Training Corps (UOTC)'. The national leaders realized the need to create a youth organisation at the national level to train the young boys and girls to be better citizens and future leaders of the country in all walks of life, including defence forces. A Committee under Pandit H.N. Kunzru was set up in 1946 at the behest of Prime Minister Pandit Jawaharlal Nehru.

Following the recommendations of the Kunzru Committee, the NCC came into existence on 16th July, 1948, under the NCC Act XXI of 1948, under the Ministry of Defence (MOD). The Mahajani Committee constituted by the Govt. revised the Aims of the NCC in January, 1974, as under :

(a) To develop qualities of character, comradeship, discipline, leadership, secular outlook, spirit of adventure and sportsmanship, and ideals of selfless service among the youth to make them useful citizens.

(b) To create human resource of organised, trained and motivated youth to provide leadership in all walks of life including the armed forced and always be available for the service of the nation.

NCC is no longer within the administrative jurisdiction of the Higher Education Department. For NCC activities, Home (Civil Defence) Deptt. is now the modal Deptt.

9.6 NATIONAL SERVICE SCHEME (N. S. S.)

Introduction

National Service Scheme (NSS), in some ways similar to the NCC (National Cadet Corps) activities, N.S.S. is a formalised way of pursuing co-curricular activities for social upliftment by college/university-level students under the direct supervision of one of their teachers. Whereas NCC emphasizes training in discipline and warfare for the college and university students.

The overall aim of National Service Scheme (NSS) is to give an extension dimension to the higher education system and orient the young students of the country to community service while they are studying. An underlying objective in NSS is to generate a genuine love in our students for the larger society beyond their families, and thus to strengthen the bond between the students and the society. Conscious efforts are intended in order to make our youth, while they are still students, clearly conversant (with first-hand knowledge) as well as genuinely concerned with the myriad problems crippling our society; only then can we rationally expect them to come up with bright and new ideas for solving such problems when they grow up. The irresponsible, selfish and deplorable tendency to get alienated from the people living in the under-privileged strata of our society must not creep into the minds of our students, because such under-privileged people, who live in the villages and urban/semi-urban slums, constitute the majority of the population of our country.

West Bengal is one of the first few states where NSS has been introduced since its inception in the country in 1969. But over the years, it could not hold the momentum, and has now slipped from the top rung in the arena of NSS. If we genuinely realise that co-curricular activities like NSS, NCC and Sports bring completeness in education, and help a student developing into a physically, mentally and morally

strong human being, there would be spontaneity and sincerity in our efforts to bring back the required momentum in all these fields again in order to get into the top slot in the country.

The scheme of NSS is a centrally sponsored scheme, run by the Central Government in close collaboration with the State Government. The nodal agency for implementation of the scheme in our state is the Higher Education Department.

Organisational structure of NSS in the state

The responsibility for administering the NSS scheme at the state level rests with the State Liaison Officer (NSS) in the Higher Education Department. NSS activities are organised by students enrolled in NSS and belonging to educational institutions like universities, colleges and H.S. schools (+2 stage only). Such students are called 'NSS Volunteers'. 100 volunteers in an institution make one NSS Unit, which is headed usually by a teacher, designated as 'NSS Programme Officer'. NSS Units located in affiliated colleges/schools come under the NSS Cell of the respective university or H.S. Council. These university level NSS Cells are headed by 'NSS Programme Coordinators'. The organisational hierarchy of NSS in a state can be indicated thus -

State Liaison Officer
(Head of the State NSS Cell)
|
NSS Programme Coordinator
(Head of the NSS Cell at university or HS Council level)
|
NSS Programme Officer
(Head of the 'NSS Unit' at college or school level)
|
NSS Volunteers
(They are the students enrolled in NSS; 100 volunteers make one NSS Unit)

Funding of NSS

Funds for the scheme are provided by the Centre (Govt of India) and the State (Govt of West Bengal) in a 7 : 5 ratio. The NSS Cell (SLO's Office) in the Higher Education Department is entrusted with the responsibility of disbursing these funds to the NSS Units in colleges and H.S. schools through the NSS Cells in universities and H.S. Council respectively.

In NSS, the work done by NSS volunteers is divided into two broad categories: (1) Regular Activities, and (2) Special Camping Programmes. Also the total number of volunteers which can be enrolled in a particular year in the state is determined nearly six months to one year in advance. Funding system for NSS is such that for regular activities a grant of Rs. 160/- per volunteer per annum is sanctioned, so

in a particular year the NSS grant for regular activities would be Rs. 160/- x total number of NSS volunteers in the state for the year. On the other hand, the established system allows that only 50% or half of the total number of NSS volunteers can participate in the special camping programmes in a year, and for this purpose the funding procedure allows a grant of Rs. 300/- per eligible volunteer per annum. This means that in a particular year the NSS grant for special camping programmes would be Rs. 300/- x half of the total number of NSS volunteers in the state in the year.

In 2003 - 04 session the total number of NSS volunteers in West Bengal was 58,400. So, the total entitlement of NSS grant for the state in the year was Rs. 160/- x 58,400 + Rs. 300/- x 29,200 = Rs. 1, 81, 04, 000 (Rupees one crore eighty-one lakh four thousand only). Provision of this amount was to be shared by the central and the state governments in a ratio of 7 : 5.

It is worth mentioning, however, that the cost of establishing and running the State NSS Cell in the Higher Education Department is borne entirely by the Central Govt (GOI). There is provision for central assistance for university-level NSS Cells also, subject to the fulfillment of certain criteria.

An over-view of activities undertaken in NSS

There are two broad categories of work done Unit-wise by the NSS volunteers: (1) Regular Activities, and (2) Special Camping Programmes.

Regular activities include work carried out by the NSS volunteers on a regular basis (i.e. daily or weekly) for certain specified hours mostly in or around their institutional campus. These may include maintaining cleanliness of the campus; making / maintaining some durable assets for the society in adjoining rural areas, like the construction or repair of small stretch/es of earthen roads, flood protection bunds, rainwater drainage channels etc.; erection of fences with low-cost materials around playground/s or campus; tree plantation and rearing; running literacy programmes for the under-privileged people or children living nearby; celebration of important 'Days' and/or 'Weeks' for social awakening; organising various campaign programmes and seminars for awareness building among students and people; blood donation, etc.

Special camping programmes are generally organised away from the institutional campus in any adopted village or slum area for 10 days at a stretch in a year. The main focus here is given to upgrade the quality of life and living of the local populace through any manner feasible. The works usually include illiteracy eradication, inducement of health-hygiene-and-sanitational sense, awareness generation about how to prevent/fight diseases like AIDS, Cancer, TB, Malnutrition etc., environmental upgradation, tree plantation, 'Vanmahotsav' celebration, organising health check-up sessions by inviting medicos, organising song/drama programmes on different themes, organising thematic 'sit-and-draw' competitions for children in particular, etc.

In the year under report, the above-noted activities with varying emphasis were undertaken by the different NSS Units in the state. Particular mention may be made of the NSS Cell of Rabindra Bharati University which successfully organised a 'Harmony Rally' using three well-decorated trams in Kolkata on the 8th of August, 2003, on the occasion of the 62nd death anniversary of Gurudev Rabindranath Tagore. The programme was graced by the august presence of three Hon'ble cabinet ministers of West Bengal — Prof. Satyasadhan Chakraborty (Higher Education), Sri Kanti Biswas (School Education) and Sri Subhas Chakraborty (Transport), and other dignitaries including Dr. Sukumar Sen, the then SLO (NSS), W. Bengal. The programme was duly highlighted by the local and national media, both print and electronic.

NSS Programme Officer - Dr Amal Kumar Hore of Coochbehar College (affiliated to the University of North Bengal) motivated his NSS volunteers so well that they could complete the construction of an earthen road in Kundupara area of Chakchaka Gram Panchayat of Coochbehar district in March-April, 2003. The Unit plans to carry out similar kind of social work (i.e. developing durable social assets) in future as well.

Burdwan University NSS Cell is doing commendable work. Special mention is made of some of their NSS Units in Purulia district which are working for socio-economic upliftment of people living in remote tribal villages; ways and means for removing various social taboos and superstitions from the minds of local people are being carefully looked into.

Jadavpur University NSS Cell is doing excellent work, particularly in the field of awareness generation for AIDS and, more importantly, for the care of the AIDS victims. Their accomplishments in UTA (University Talk AIDS) - Phases I & II and in their follow-up have been praiseworthy.

The NSS Cell of Vidyasagar University, Medinipur, can boast of the fact that two of their Programme Officers – (a) Prof. Rakhahari Pal of V.S. Mahavidyalay NSS Unit – 1 and (b) Prof. Utpal K. Utthasani of Egra S.S.B. College NSS Unit – 2, have been recommended by the State-level Selection Committee for the Indira Gandhi NSS Award, Delhi. The name of another Programme Officer – Prof. P.P. Chakraborty of Birbhum Mahavidyalaya NSS Unit – 1 (under the University of Burdwan) has also been recommended. The only NSS Volunteer from the state whose name has been forwarded is Mr. Sachchidananda Roy from Vivekananda Mahavidyalaya NSS Unit – 1 (under the University of Burdwan). It is a matter of satisfaction that probably for the first time West Bengal has participated this year in the competition for the national-level IGNSS Award. Final results will come out before September, 2004.

As in other years, many NSS volunteers from West Bengal participated in national-level NSS camps, particularly in the National Integration Camps (NIC) held elsewhere in India, and brought a number of laurels.

The State Advisory Committee (NSS) met once in 2003 - 04, on the 6th of May, 2003. Meetings of most of the University level Advisory Committees took place in a timely manner.

The Training, Orientation and Research Centre (TORC), Narendrapur, and the Training and Orientation Centre (TOC), Kharagpur, are regularly organising Orientation Courses and Refresher Courses for the NSS Programme Officers. But these organisations have a constant worry that many of the seats in their training courses in recent times are not being duly filled up by participants.

9.7 PASCHIM BANGA HINDI ACADEMY

1, Bankim Chatterjee Street,
(In the Old Building Complex of the Government Sanskrit College)
Kolkata -700 073, Phone: 219-1277

The Paschim Banga Hindi Academy founded in 1990 functions under the administrative control of the Department of Higher Education.

I. AIMS AND OBJECTIVES

The main objective of the Academy is to encourage the study of Hindi language and literature in the State of West Bengal, especially among the non-Hindi speaking people, both the rural and urban areas. The other objectives of the Academy are :

(1) to encourage and undertake translation of Bengali classics and scholarly works in Bengali on literature, history, science and technology; into Hindi;

(2) to publish Hindi text books for different classes following the syllabi and curricula meant for non-Hindi speaking people;

(3) to undertake and encourage research in Hindi language and literature, etc.

II. STRUCTURE

The academy has a General Council consisting of 61 members, a Governing Body consisting of 23 members. The Governing Body has constituted five sub-committees consisting of 5 members each. The Chief Minister, Government of West Bengal and the Minister-in-Charge of Higher Education Department, Government of West Bengal are the Chairman and the Vice-Chairman respectively of the Paschim Banga Hindi Academy.

9.8 WEST BENGAL DISTRICT GAZETTEERS

The office of the State Editor, West Bengal District Gazetteers was set up in the late fifties to implement the Government of India scheme of revision of gazetteers, which were compiled and published during the British rule. It is a small organisation consisting at present of the State Editor, a Deputy State

Editor, an Assistant Editor, two Research Officers, one Research Assistant and other supporting staff. It is engaged in research, compilation and publication of gazetteers and other allied literature. There is an Advisory Committee consisting of scholars and academicians to give guidelines on publication schemes.

A. This office has been engaged in three pronged action strategy :

(i) Publication and compilation of Gazetteers of post - 1947 West Bengal in English (except Midnapur and Kolkata all the districts of West Bengal have been published in past years).

(ii) Reprint of old Gazetteers and Statistical Account of pre-1947 Bengal and documents of importance and varity.

(iii) Publication of District Gazetteers in Bengali.

B. During the financial year 2003-2004 the following titles have been brought out :

(i) Rivers of Bengal, Vol-V in two parts;

(ii) A Revenue History of Sundarbans, Part-I.

The most important landmark during the period is the publication of Murshidabad Zilla Gazetteer in Bengali. This has been released by Hon'ble Chief Minister of West Bengal, Shri Buddhadeb Bhattacharya on 29th December, 2003. The manuscript of Nadia Zilla Gazetteer in Bengali is under preparation.

C. The following titles are in the press and are likely to be brought out shortly :

(i) Rivers of Bengal, Vol. - VI;

(ii) Revenue History of Sundarbans, Part - II.

D. Total Books sold in 2003-2004 : 741+43 copies.

Revenue earned during the financial year 2003-2004 : Rs.1,14,152.00 + Rs.8,766.00 = Total Rs. 1,22,918.00.

9.9 WEST BENGAL STATE ARCHIVES

43, Shakespeare Sarani, Kolkata -700017 (Ph.No.22810661)
6, Bhowani Dutta Lane, Kolkata -700073 (Ph.No. 22413966/22411044)
Writers Buildings, Block II, Ground Floor, Kolkata -700001 (Ph.No.22141339).

The West Bengal State Archives, a wing of the Department of Higher Education serves as the repository of non-current records of enduring value of all record creating agencies of the State Government.

ACADEMIES AND ORGANISATIONS

While Record Management is the primary concern of the State Archives, it also plays a positive role as an institution of higher learning and research.

ORGANISATIONAL STRUCTURE

The Director, West Bengal State Archives is the administrative head of the office. He is assisted by one Deputy Director, 2 Assistant Directors, 2 Chief Archivists, 6 Archivists, 14 Assistant Archivists, one Micro-photographer and other supporting staff.

Activities during the year 2003-2004.

(I) Inspection of libraries :

Survey work of the following libraries and institutions has been conducted by archival officers in connection with scheme of financial assistance for preservation of manuscripts :
Sponsored by the National Archives of India.

a) Chaitanya Library, Kolkata; b) Sanskrit Sahitya Parishad; c) Ballygunge Insttiute, Kolkata; d) Ananda Niketan Kirtishala, Bagnan, Howrah; e) Rabindra Bharati University Museum, Jorasanko, Kolkata; f) Rabindra Bharati University, Central Libray, Kolkata; g) Bantra Public Library, Howrah; h) Bethune College, Kolkata; i) Centre for Archaeological Studies and Training, Eastern India, Kolkata; j) Fulia Kirtibas Library-cum-Museum, Nadia.

(II) Conservation :

a) A three month training course on conservation was arranged in the Historical Section (July-September,2003)

b) Sri Asis Biswas, Archivist participated in a workshop in Krishnagar on conservation on the occasion of District Nadia Book Fair.

(III) Exhibition :

State Archives has observed its Annual Archives Week Programme (7th April -12th April, 2003). As part *or* the programme, an exhibition was arranged entitled 'Genesis and Expansion of Railways in Eastern India'. Both Eastern Railway and South Eastern Railway authorities took special interest in the matter.

State Archives organised an exhibition on the glorious heritage of Berhampur K.N. College on 150th anniversary of the college from 1-4 November, 2001.

As part of the celebration of 125 years of Bethune College an exhibition on 'Genesis and Development of Bethune College' has been organised by West Bengal State Archives in Joint collaboration with Bethune College.

(IV) Appraisal Work :

a) P.W.D. Records

b) I.B.(Police) Records

c) Post-Independence Records already shifted to current section of State Archives at the Writers' Building.

V) Collaboration with different State Archives & Govts.

a) Manipur State Archives,

b) Nagaland Administration,

c) Andaman and Nicobar Administration, (Sumita Seal, Archivist visited the Andamans in January, 2004 and submitted an exhaustive list of documents on the Andamans available with the West Bengal State Archives)

d) National Archives of Malayasia &

e) Andhra Pradesh Secretariat.

(VI) Different Departments like Home (Political), Cottage and Small Scale Industries, Fisheries and the Chief Secretary's office have been contacted for retrieval of non-current records after appraisal.

(VII) State Archives has been involved in the National Mission for Manuscripts – a Central Government project under 10th Five Year Plan for the purpose of identifying and preserving manuscripts in both organised and un-organised sectors. The Director participated in Eastern Zonal Workshop held in Kolkata on 26th May, 2003.

(VIII) **Miscellaneous :**

1) South African journalist Mr. Nirode Bramdaw who is on tour in India under the auspices of Indian Council for cultural Relations visited West Bengal State Archives on 4th July, 2003.

2) Shri Sanjay Prasad, IAS, Director, Ministry of Defence, Govt. of India consulted State Archives records on tribal movements.

3) The State Archives also agrees to co-operate with Indian Council of conservation for a museum on Netaji Subhas Ch. Bose in Cuttack.

4) The Director, West Bengal State Archives attended 41st meeting of National Committee of Archivists held in New Delhi on December 6-7, 2003.

5) A photo-print of an old intercepted letter written by one ToyozO Aoki from Nagoya, Japan to Rabindra Nath Tagore was presented to the Bangla Academy repository on the occasion of launching an Indo-Japanese Cultural Centre as a constituent of Bangla Academy (November 14,2003).

6) A draft project scheme has been submitted to the Netaji Institute for Asian Studies on "Indianization of Local-Self Government in Calcutta in the 19th century".

9.10 WEST BENGAL STATE BOOK BOARD

6A, Raja Subodh Mallick Square (8th Floor),
Kolkata-700013
Telephone: 2236-7854
Sales Counter : - 1, Bankim Chatterjee Street (Ground Floor of Sanskrit Collegiate School Premises), Kolkata - 700 073.

Pursuant to the recommendation of the Kothari Commission on 'Media Transfer' to implement the programme of switching over to regional languages as the medium of instruction at the level of Higher Education, Book Boards were formed in different States in the country. Accordingly, in the year 1970 the West Bengal State Foundation for Text Book Production later renamed in 1972 as the West Bengal State Book Board was formed and was formed and registered under the West Bengal Societies Registration Act.

The authority of general superintendence, direction and control of the Society is vested in the Board of Governors of the West Bengal State Book Board. The Minister-in-Charge of Higher Education West Bengal is the ex-officio Chairman of the Governing Body of the Board. The Principal Secretary, Department of Higher Education is the Vice-Chairman and the Chief Executive Officer, a State Government Officer, is the Member-Secretary of the Board.

The cost of running the Board is borne by the Department of Higher Education of the Government of West Bengal. The Government of India also provides assistance for the publication of text books from time to time.

The number of publications of the Board has been on the increase. It rose from 673 in 1997-98, 691 in 1998-1999, 716 in 1999-2000,766 in 2000-2001, 783 in 2002-2003 and 790 (up to December, 2003).

The Board mainly publishes text books for the use at the undergraduate and postgraduate levels of

studies. The publications also cover terminology, dictionaries and monographs in science for students and general readers.

The academic disciplines in which the Board has so far published books are as follows :

(1) Agriculture, (2) Botany, (3) Chemistry, (4) Commerce, (5) Computer Science, (6) Defence Studies, (7) Economics, (8) Engineering and Technology, (9) Environmental Studies, (10) Geography, (11) Geology, (12) History, (13) Journalism, (14) Law, (15) Literature, (16) Library Science, (17) Mathematics, (18) Music, (19) Office Management & Office Administration, (20) Physics, (21) Physiology and Medical Science, (22) Psychology, (23) Popular Science, (24) Philosophy, (25) Political Science, (26) Sanskrit, (27) Sociology and Human Studies, (28) Statistics, (29) Teachers' Training (30) Zoology and (31) Physical Education.

Four books are now under the process of printing and will shortly be published by the Board.

Besides these books, Braille editions of two books for the use of visually impaired learners also appear in the list of publications of the Board.

The Board is engaged in the preparation of text books in the following subjects, some of which have of late been introduced in colleges : (1) Tourism & Travel Management, (2) Industrial Fish & Fisheries, (3) Sericulture, (4) Sales Promotion & Sales Management.

The Board participated in the Book Fairs in different places both within and outside the State and get good response there at.

9.11 WEST BENGAL STATE COUNCIL OF HIGHER EDUCATION

The West Bengal State Council of Higher Education, established under West Bengal Act XXXVII of 1994 started functioning in April 1995. Office of the Council is located at 147A Rashbehari Avenue, Kolkata 700029 in a building owned by the Higher Education Department. Functions of the Council, as stipulated in the Act are stated below :

(a) Planning and coordination in the area of higher education in the State including cooperation with the UGC.

(b) Academic functions e.g. curriculum development, teachers' training and encouragement of sports, games and extension activities,

(c) Advisory functions in determining the basis and amounts of block maintenance grants, linking research with educational institutions and industry, framing and amendment of university statutes, regulations etc.

(d) Allocation of grants to different universities and colleges and make enquiries regarding utilization thereof.

In the year 2003-2004 the Council has undertaken the following activities :

1. The Council has processed applications from affiliated colleges for extension of affiliation in different subjects and courses. As in the previous year, the Council held meetings with Vice-chancellors and other officials of five affiliating State universities to prepare joint recommendations regarding extensions of affiliation.

2. The Council has published a booklet on Higher Education in the Next Decades - Policy of West Bengal.

3. The Council has constituted Subcommittees on ' Employability of the Students of Comparative Literature of Jadavpur University' and 'Re-designation of University Officers after CAS/ Promotion of State Aided University'. Both the committees are actively considering the above matters and are going to submit their reports to the Council very soon.

4. The Council received proposals for the establishment of Non-govt. self-financing Degree Colleges, B.Ed. Colleges, Art colleges and Law Colleges in different districts of West Bengal and submitted reports on the feasibility of establishment of a number of proposed colleges to the Minister-in-Charge, Higher Education (Chairman of the Council) after inspection of College site and interaction with the respective Organizing Committees.

5. The Secretary, West Bengal State Council of Higher Education visited prospective 'Lead Colleges' identified by the WBSCHE and discussed with Principals and teachers about the concept, role and characteristics of 'lead colleges', which will act as centres of excellence and providers of academic leadership. The concept of lead colleges as envisaged in the reports of Bhabatosh Datta Commission and Ashok Mitra Commission on Education was thoroughly discussed by the West Bengal State Council of Higher Education and a list of prospective lead colleges was prepared.

6. The Higher Education Department of the State Govt. has established a 'State Level Quality Assurance Cell' under West Bengal State Council of Higher Education in order to facilitate the process of assessment of all undergraduate colleges in the state by NAAC. The Quality Assurance Cell is organizing a series of workshops to review the preparation of Colleges in submitting the Self Study Reports and managing the visits of the Peer Teams. Already Principals and Coordinators of nearly 70 colleges have participated in these workshops.

9.12 WEST BENGAL COLLEGE SERVICE COMMISSION (WBCSC)

6, Bhawani Dutta Lane (4th floor)
Kolkata – 700 073
Ph. No. 2241-4679,2241-6675, Fax-2241-4679

The West Bengal College Service Commission came into existence on November. 02.1979 in terms of Act LXII of 1978, the three main functions of the Commission are :-

1) To prepare merit panel of eligible candidates for the post of Lecturer in different subjects as well as Principals in different Government aided Colleges.

2) To recommend candidates for appointment as Lecturer as well as Principal.

3) To conduct State Level Eligibility Test (SLET) for Lectureship in Universities and Colleges (accredited by UGC)

The Constitution of the Commission are as follows :-

1.	Prof. Dr. Ajit Kumar Banik,	Chairman,
2.	Dr. Dilip Kr. Deb.	Member (upto 12.2.2004)
3.	Dr. Jyotiprakas Haldar,	Member,
4.	Prof. Swapan Kr. Chakrabarti,	Member,
5.	Dr. Kanak Moitra,	Member (upto 19.5.2003)
6.	Dr. Nandita Basak,	Member,

Official set-up of the Commission :-

1.	Shri Anil Kr. Makar.	Secretary
2.	Shri Dilip Kr. Bhattacharya,	Controller of Examinationso

Against Adv.No.1/2002 applications were invited for filling up the vacant post of Lecturers in 34 subjects in all 964 candidates are empanelled out of which 362 candidates are recommended for appointment as Lecturers.

In Adv.No. 2/2002 applications were invited for filling up of vacant post of Principals in 76 number of colleges and 39 candidates have been recommended for the post of Principals.

In Adv.No. 2/2003 applications were invited for filling up of vacant post of Lecturers in 22 (twenty two) different subjects and the selection process is going on.

The Commission conducted 9th SLET in 2003 and results were published.

The Commission is composed of the following Members: -

7.	Prof. Dr. Ajit Kumar Banik,	Chairman,
8.	Dr. Dilip Kr. Deb.	Member,
9.	Dr. Nandita Basak,	Member,
10.	Dr. Jyotiprakas Haldar,	Member,
11.	Prof. Swapan Kr. Chakrabarti,	Member,
12.	Dr. Kanak Moitra,	Member, presently one post of member is lying vacant.

There is one post of Secretary to the Commission who is appointed by the State Government.

9.13 DAY STUDENTS' HOMES

The Department of Higher Education runs four Day Students' Homes in the city of Calcutta. All the Homes are headed by a Warden-cum-Secretary, who is assisted by a number of other employees. The major objectives of these Homes are :

(i) To provide library facilities to under-privileged students at Higher Secondary and graduation levels at a Centre where text books and reference books including Journals and newspapers are made available to them;

(ii) To provide reading-room facilities to these students for a period of 12 hours (8.00 A.M. to 8.00 P.M.) on weekdays and 6 hours (8.00 A.M. to 2.00 P.M.) on Saturdays :

(iii) To provide cheap-canteen facilities at a heavily subsidised rate for meals and refreshments on a token payment of 20 paise only per meal.

South Calcutta Day Students' Home
61, Prince Anwar Shah Road, Calcutta-700 033; Phone: 422-5655
Established : 11th July, 1959

Staff Strength	:	28,
Books acquired	:	15,150 Nos, also newspapers and magazines.
Reading Room Space	:	Can accommodate 200 students at any time during 8 a,m, to 8 p.m..
Reading Room Assistance	:	Two attendants, five assistants and one Reading Room-cum-Library Superintendent.
Other programmes	:	Special Tutorial classes for H.S. & B.Com.Students.

Day Students' Home for Girls

147A, Rashbehari Avenue, Calcutta-700 029; Phone : 464-1194
Established : 1956

Staff Strength	:	28
Staff at present	:	22
No. of Students	:	1200
Home remains open	:	8 a.m. to 8 p.m.
Books acquired	:	23,000 journals, periodicals, magazines and two daily newspapers.
Reading Room Space	:	Sitting arrangement for 150 students at a time.
Other programmes	:	Prize distribution Ceremony – Debate Session – Competition of Recitation, Song & Essay-writing of the Students and also Educational Tour.

Iswarchandra Pathabhavan

299, Acharya Prafulla Chandra Road,
Calcutta-700 009; Phone : 350-1438
Established : 1956

Staff Strength	:	28 with 7 post vacant.
Books acquired	:	17,550, also 8 journals & 5 newspapers
Reading Room Space	:	600 students.
Other programmes	:	A study centre (2801) of IGNOU is housed at the building for Saturdays and Sundays; Other programmes conducted are debates, seminars, quiz contest, sports and games and educational tour.

Sri Ramkrishna Day Students' Home

9, Pasupati Bose Lane,
Calcutta –700 003; Phone : 555-3143
Established : 1956

Staff Strength	:	28 with two post vacant.
Books acquired	:	26,597
Reading Room Space	:	350 students
Other programmes	:	Observance of Foundation Day, Prize distribution to the student members on their examination results.

ACADEMIES AND ORGANISATIONS

Bankura Institute (Day Students' Home)

Pratapbagan, P.O. Bankura,
Dist. Bakura, Pin-722101,
Phone : 03242-40388
Established : 1998

Staff Strength	:	7 (Seven)
Books acquired	:	1800 and three daily newspapers
Reading Room Space	:	300 students at a time
Other programmes	:	No. of students visiting the Day Students' Home (on average per day) - Boys-60, Girls -15 Opening Hours : 8.00 a.m. to 4.00 p.m.

CHAPTER – 10

RESEARCH INSTITUTES AND AUTONOMOUS VOLUNTARY ORGANISATIONS ASSISTED BY THE STATE GOVT.

10.1 Bangiya Bigyan Parishad

10.2 Bankim Bhaban Gabesana Kendra

10.3 Centre for Studies in Social Sciences

10.4 Jagadis Bose National Science Talent Search

10.5 Indian Association for the Cultivation of Science

10.6 Institute of Historical Studies

10.7 Institute of Development Studies

10.8 Paschim Banga Itihas Samsad

10.9 Ramkrishna Mission Institute of Culture

10.10 Socio-Economic Research Institute

10.11 Tamralipta Janakalyan Samity

10.12 Sri Sri Sitaramdas Omkarnath Samskrita Siksha Samsad

10.13 Ramkrishna Mission Ashrama, Narendrapur

10.14 Maulana Abul Kalam Azad Institute of Asian Studies

10.15 Calcutta Mathematical Society

CHAPTER – 10

RESEARCH INSTITUTES AND AUTONOMOUS VOLUNTARY ORGANISATIONS

10.1 BANGIYA BIGYAN PARISHAD

Satyendra Bhaban, P-23, Raja Rajkrishna Street
Kolkata- 700 006, Ph.: 2555-8417

In compliance with the basic objectives of popularising Science and development of scientific spirit among the people and students, Bangiya Bigyan Parishad holds discussions, meetings, conferences, workshop etc. In addition to all these, the Parishad has regularly published its popular journal, 'Gyan-O-Bigyan' during the year under consideration. Along with holding 'Gyan-O-Bigyaner Asar', Praakiti Parmar Pathshala', the Parishad organised quiz competition and distributed prizes in this year. The Parishad has already published some valuable books and some other books are awaiting publication in near future in this year. The publications were displayed in the Kolkata Book Fair and some other Fairs. Vocational training programme based on Science and Technology has also found place in its annual stream of activities.

10.2 BANKIM BHABAN GABESANA KENDRA

Kantalpara,P.O. Naihati-743165
Dist. 24-Pargana (North), Ph.: 2581-9933
E-mail : bankim_bhavan@vsnl.net

Bankim-Bhawan Gaveshana Kendra was established as a registered research centre in the year 1999 within the premises of Bankim Chandra Chatterjee's ancestral house at Kantalpara, P.O. Naihati, Dt. North 24 Pargana. This historical mansion had been acquired by the Government of West Bengal in the Department of Higher Education and renovated a portion retaining the original architectural design. The aims and objectives of this centre include, research on :

i) The social, economic, cultural and religious history of Bengal,

ii) The history of development of Bengali Language and literature including its current trends and,

iii) The life and works of Rishi Bankim Chandra Chattopadhyay and other eminent personalities who contributed to the 'Renaissance' in Bengal.

Museum :

The three-roomed *Baithak-khana* (parlour) was built up by Bankim Chandra himself and most of his literary creations were penned in the study within this *Baithak- khana.* The famous *Bandemataram* song was also composed here, and set to tune for the first time by Bankim's Music-Guru Jadu Bhatta, a famous maestro of that period, in this hall. Most of the contemporary eminent litterateurs and the contributors to the highly esteemed literary magazine *Bangadarshan,* edited by Bankim Chandra and published from this house, used to assemble in this hall in the weekends. These rooms are treated as sanctum of Bengali literature and culture.

The *Baithak-khana* has been thoroughly renovated by covering the walls and the roofs of the hall and study with damp-proof marine ply to protect the display materials for converting those into a permanent museum. Very rare photographs of Chatterjee-family and the photographs of the associates of Bankim Chandra are displayed here. The display materials also include articles from Bankim's personal use, like Kashmiri Shawl, famous Pagri, his table lamp, different manuscripts and a replica of his chair. Some of the personal mementos of Mahamahopadhaya Haraprasad Shastri, a close associate of Bankim Chandra, are also displayed here.

Library :

The Library of Bankim-Bhawan Gaveshana Kendra has a collection of around 2500 volumes of books, bounded volume of journals and off-prints collected from five main sources :

i. The collection of Chattopadhyay family, donated by grandson of Sanjib Chandra.

ii. The collection of late Prof. Manju Gopal Bhattacharya, nephew of Mahamahopadhya Haraprasad Shastri.

iii. The collection of late Prof. Chintaharan Chakraborti of Presidency College.

iv. Books received as presentation from Paschim Banga Bangla Academy, Sahitya Samsad, Bimal Kar, Family members of Samaresh Basu, Sri Ramen Ghosh, Prof. Sanat Basu and some others.

v. Books purchased from Center's fund.

Bangadarshan Jantralaya :

In the year 1873, Sanjib Chandra Chattopadhya established a Letter-Press named 'Bangadarshan Jantralaya', The journal *Bangadarshan* and most of the first editions of the books written by Bankim Chandra had been printed in this press.

Retaining the heritage name a full-fledged Digital unit has been established in Bankim-Bhavan and this unit comprises of :

i) 4 nos. Pentium-4 PC with CD Writer and DVD Rom.

ii) One A4 Scanner (HP Scanjet 4400C) and One A3 Scanner (UMAX PowerLook 2100XL).

iii) One Deskjet 840C Printer and One Laserjet 2200D Printer.

iv) Datascan Software for scanning-cleaning-indexing-CD writing. Pagemaker, Photoshop, Two Bengali fonts Shatabdi Lipimala and Samsad Shabdajagat etc.

All sorts of printing and preservation works are done in this digital unit. Particular mention may be made of the scanning-cleaning and digital preservation of thousands of paper-documents of the archive of this centre. Various updated specialised softwares are being used for these complicated preservation works.

Archive :

The Archive of this centre possesses letters of Bankim Chandra and his family members, manuscripts, diaries, property deeds and various other documents. Particular mention may be made of the huge manuscripts of Sanjib Chandra Chatterjee revealing his scholarship and creative endeavour. It also includes letters of Mm. Haraprasad Shastri as well as letters from most eminent European Indologists and British officials received by him. The archive also has papers of Samaresh Bose, received from his family.

Nearly twenty-five thousand pages of these archival materials have been cleaned and preserved digitally in the computer unit of the centre. Interested scholars may get clean copies of the documents on payment of the copyright charge. Thus, the archive provides invaluable materials for the study of nineteenth century Bengal renaissance and social history of Bengal.

Puthi Collection :

Bankim-Bhavan has a collection of around 200 Sanskrit Puthis covering *Vyakaran, Smriti, Daayabhag, Navya naya* and *Literature.* This collection was donated by the family members of Mm. Haraprasad Shastri. These Puthis were used in the Tol of Shastri family since 1757, when great grandfather of Haraprasad, Pandit Manikya Tarka Bhusan established his Tol at Naihati. Some of the eminent Pandits of Bhatpara were also the students of this Tol. Some more important Puthis are expected to be collected from Bhatpara.

These valuable Puthis are being processed for preservation and use and would also be digitalised. The Victoria Memorial has extended financial support for this preservation project.

Publications :

i) Bangadarshan Patrika

Bankim Chandra brought out famous *Bangadarshan* Patrika from this house in the year 1872. Subsequently, the editorial responsibility was taken over in different periods by famous litterateurs like Sanjib Chandra Chattopadhaya, Rabindranath Tagore, Shrish Majumder, Mohitlal Majumder. That journal with great heritage has been revived as a mouthpiece of this centre and being published with bi-annual periodicity since June 2000. Within a short period, the journal has established itself as one of the prestigious publication. Eminent personalities of our academic and literary world Dr. Rabindra Kumar Dasgupta, Prof. Hirendranath Mukherjee, Prof. Dilip Kumar Biswas, Prof. Bhabatosh Dutta, Prof. Ramaranjan Mukherjee, Prof. Ramendra Kumar Acharya Chaudhury, Syed Mustafa Siraj, Prof. Saroj Banerjee, Prof. Sankha Ghose, Sri Debesh Roy are the members of the advisory committee of the journal. Eminent scholars in the different fields of huminities and science regularly contribute in the revised Bangadarshan.

ii) Bangadarshan-Parampara

The manuscript of a monograph *Bangadarshan-Parampara* (An account of the successive publications of the journal *Bangadarshan)* has already been prepared and submitted by Prof. Bhabatosh Dutta. He has narrated and analysed the contents of *Bangadarshan* patrika successively edited by Bankim Chandra and others. Complete index of *Bangadarshan* published in different times under different editorship is being appended in this monograph. The monograph is being processed for printing.

iii) Bandemataram Sangiter Sura-baichitra (The Tune variation of the song Bandemataram)

Another important monograph *Bandemataram Sangiter Sura-baichitra* (The Tune variation of Bandemataram song) is under process. This monograph was written by Late Prof. Ananta Kumar Chakraborty who was a member of the Governing Body of Bankim-Bhavan Gaveshana Kendra. The original paper in Bengali has been translated into English by Prof. Tapati Gupta of Calcutta University and into Hindi by Sri Nisanth. Three versions of the monograph are being processed for publication along with a C.D. of selected songs sung by Rabindranath, Pandit Omkarnath, Dilip Kumar Roy and others.

iv) A collection of variations of Bandemataram song

Bankim-Bhavan Gaveshana Kendra has a collection of a number of rare recordings of *Bandemataram* in 78/45/33 RPM disks, sung by Rabindranath Tagore, Pandit Omkernath, Dilip Kumar Ray, M S Subhalakshmi and other such eminent singers. These were collected by late Prof. Ananta Kumar Chakraborty and donated by Mrs. Gita Chakraborty. All these old recordings with noises are being properly cleaned and put into CD with the technical assistance from S A R E G A M A (HMV) Pvt, Ltd.

This collection numbering nearly 50 will be preserved as valuable research materials and a selected collection of 10 versions with commentary will be brought out in a C.D. for marketing. It is expected that this project may be a regular source of earning. The H.M. V. offers to co-operate in the project.

The Victoria Memorial Hall authorities has kindly extended necessary financial assistance for this project.

Cultural Programmes & Seminars :

i) Bankim Jayanti

166th Birth Anniversary of Rishi Bankim Chandra was celebrated in the Bhavan on 28 June 2003. While two important papers were presented 'by Sri Kumar Ray on *Bankim Chandra's Novels in Bengali Theatre* and Dr. Amiya Deb on Reading the Novel, Sri Debajit Bandyopadhya sang few songs used in the Bengali theatrical performances based on Bankim Chandra's novels.

ii) Haraprasad Jayanti

151st Birth Anniversary of Mahamahpadhaya Haraprasad Shastri was observed here on 6 December 2003. An interesting exhibition on life and works of Mm. Haraprasad Shastri was organised on this occasion.

iii) Bangadarshaner Majlish (Monthly Seminar)

As we know most of the contemporary eminent litterateurs and the contributors to the highly esteemed literary magazine *Bangadarshan* used to assemble in the *Baithak-khana* of Bankim Chandra in the weekends. The informal literary discussions, songs, etc were the main attraction of those sessions. It was mentioned by Haraprasad Shastri as *Bangadarshaner Majlish.* In pursuance of that tradition, Bankim-Bhavan Gaveshana Kendra started to organize a monthly 'Majlish' (Seminar) since May 2003.

Funding :

During 2003-2004 Bankim-Bhavan Gaveshana Kendra received grant from the following sources :

1. A maintenance grant of Rs. 4,21,981/- (Rupees Four Lacs Twenty One Thousand Nine Hundred and Eighty One only) from Higher Education Department, Govt. of West Bengal.

2. National Archives of India sanctioned Rs.50,000/- (Rupees Fifty Thousand only) for preservation of old books and paper documents.

3. The Victoria Memorial Hall sanctioned a total of Rs.1,85,000/- (Rs.1,00,000/- for museum development and Rs. 85,000/- for preservation of the collection of 50 versions of the *Bandemataram* song and publication of Bengali, Hindi and English versions of a monograph on the Tune Variation of the *Bandemataram* Song).

4. Sri Mrinal Sen, MP contributed Rs. 21,78,322/- (Rupees Twenty One Lacs Seventy Eight Thousand Three Hundred and Twenty Two only) for construction of an annexe building of the Museum. Sri Sen also contributed Rs. 2,96,300/- (Rupees Two Lacs Ninety Six Thousand Three Hundred only) for digital equipments.

5. The Information and Cultural Affairs Dept., Govt. of West Bengal sanctioned Rs. 41,07,688/- (Rupees Forty One Lacs Seven Thousand Six Hundred and Eighty Eight only) for restoration of ancestral house of Bankim Chandra.

6. The Ministry of Tourism & Culture sanctioned Rs. l0,00,000/- (Rupees Ten Lacs only) for reconstruction of the ruined Natmandir, a component of the ancestral mansion of Bankim Chandra.

The projects for restoration of ancestral building and reconstruction of the Natmandir are progressing under the supervision of the Architecture Department of Jadavpur University. But the Annexe Building project could not be taken up yet. The Eastern Railway authorities has been considering a proposal for handing over a piece of Rly. land to be used for the annexe building. Construction work would start as soon as the process of long term lease of the required land is accomplished.

10.3 CENTRE FOR STUDIES IN SOCIAL SCIENCES, CALCUTTA

R1, Baishnabghata-Patuli Township
Kolkata – 700 094, Ph.: 2462-5794/5795/7252
Fax : +91-33-2462-6183, E-mail : csscal@vsnl.net / postmast@csssc.ernet.in

The Centre for Studies in Social Sciences, Calcutta (CSSSC) was founded in 1973, mainly with the aim to undertake, aid, promote and co-ordinate research in social sciences, with special emphasis on the problems of the eastern region and West Bengal.

Its other academic objectives are :

i) To provide academic and professional guidance to agencies, institutions and individuals engaged in research in social sciences.

ii) To collaborate with and also to offer consultancy to the government agencies, universities, educational institution and private sector organizations in social sciences related activities.

iii) To act as a clearing house of ideas, information and research and also to maintain a data bank pertaining to social sciences with stress on the eastern region and West Bengal.

iv) To offer fellowships and scholarships to promote research in social sciences.

v) To develop close relation with universities and colleges, in teaching and in carrying out research in social sciences.

vi) To prepare and publish papers, periodicals and books on the related fields of social sciences.

vii) To secure and accept endowments, grants-in-aid, donations and gifts in furtherence of research in social sciences.

ACADEMIC EXCELLENCE

CSSSC, commonly referred to as The Centre, has come to occupy a special prominence amongst the academicians and intellectuals. Eminent scholars from disciplines like economics, history, political science, sociology, geography and later media and cultural studies, were drawn to the Centre from its very inception. Over the years, there have been gradual and sometimes radical shifts in the interests of scholars at the Centre, but it has remained steadfast in its pursuit of academic excellence. The reports of the review committee of ICSSR and acknowledgements from distinguished scholars from India and abroad bear ample testimony to this.

ASSOCIATION WITH PUBLIC BODIES

Faculty members are often associated with bodies like State Planning Board, State Higher Education Council, State Finance Commission and Sahitya Akademi. Many of them are on the editorial boards of academic journals and are office bearers of academic associations.

VISITING LECTURES BY FACULTY MEMBER

Faculty members, very often, take up teaching assignments at reputed universities in India and abroad. Many of them are regular visiting teachers in graduate/post-graduate departments in universities located in West Bengal and eastern region.

SUPERVISION OF DOCTORAL WORK

Several Ph.D. students registered with different universities, work under the guidance of CSSSC faculty members, though the Centre does not award any degree.

PROJECTS

The main project emphasis of the Centre is related to the fields of agricultural labour, rural development, financial markets, informal sector, resettlement and rehabilitation, political economy and cultural studies with cross-disciplinary approaches,

In the past the Centre has carried out projects, assigned by various national and international

organizations like CSB, RITES, IRDP (Govt. of W.B.), UNESCO, World Bank, ILO and UNDP.

Out of the ongoing projects, special mention must be made of the collaborative research project, the Enhancement of Research Capacity (ENRECA), initiated in 1990 with its themes of

a) Institutional framework for industrial development.

b) Nationalism, urban culture and democracy.

Students from Uganda have received research training and doctoral supervision under this scheme, it also enabled the Centre to carry out some very important documentation process.

ANNUAL LECTURES

The highlights of the academic calendar are the two Annual Lectures :

The Sakharam Ganesh Deuskar Lecture on Indian History and Culture, was delivered by Prof. Gayetri Chakravarty Spivak, Department of English, Columbia University, New York on "Midnight's Children and the Schreber Case", on July 29, 2003.

The R.C. Dutta Lectures on Political Economy was delivered by Prof. Abhijit V. Banerjee, Professor of Economics, Massachusetts Institute of Technology, USA on "Living in the World : Globalization and Beyond", on August 4 & 5, 2003.

CONFERENCE

A two-day workshop on "Economic Theory/Applied Economic Theory" held at CSSSC on July 7 and 8, 2003. The workshop consisted of regular contributors as well as research scholars and young professionals outside India. A three-day conference in collaboration with ENRECA Project on "Institutions, Trade, Industry and Finance : On some Emerging Issues in the Developing World" held at CSSSC on December 22-24, 2003.

RESEARCH TRAINING PROGRAMME

The Research Training Programme (RTP) was organized after a break of four years - a break necessitated by the severe shortage of academic staff at the Centre in the late 1990s. Twelve participants completed the course (August 2002-June 2003). The current course which commenced in July 2003, has eight participants from West Bengal and other parts of India. The next RTP (International) course, co-sponsored by South-South Exchange Programme for Research on the History of Development (SEPHIS) will commence in January 2004, with five participants from African countries.

LIBRARY

The library is the reference hub of academic activities of the Centre. Presently, the Library has over 22 thousand books and it subscribes to over 200 journals annually. Besides, it has a comprehensive collection of Government reports, working papers etc. It is a full depository of the World Bank, one of its kind in the Eastern India. As such, it receives all the publications and databases of the World Bank, the IMF, IBRD etc. The library also has an excellent CD collection of bibliographic databases like Sociological Abstracts and ECONLIT, Child Abuse & Welfare, International Education database etc. It also has Indian bibliographical databases like ISID Research Reference on CD. A detailed account of the statistical, demographic and bibliographic databases and holdings of periodicals are available in the Website of the Centre.

10.4 JAGADIS BOSE NATIONAL SCIENCE TALENT SEARCH

Estd. 1st July ,1960
716,Jogendra Gardens, Kasba, Kolkata – 700 078
Telephone: 2442-8270, 2442-5191, 2442-8269 (Direct)
Fax : 2442-5485, E-mail : jbnsts@vsnl.com

The Jagadis Bose National Science Talent Search (JBNSTS} is a unique institution dedicated to the 'search and nurture' of talent amongst promising science students of West Bengal, seven north-eastern States, Chattisgarh, Orissa, Bihar and Jharkhand. It was founded with the idea that students exposed to the life and work of Acharya Jagadis Chandra Bose would develop love and dedication for science.

AIMS AND OBJECTIVES

The work of the JBNSTS is concerned with the education of 8 very special population of students who are gifted and talented in science. All resources and efforts of the institution are invested into enrichment of learning and making it a joyful experience for those who are selected to join the JBNSTS circle. Through the years, a well defined charter has been developed to :

- Identify talented students of science, engineering and medicine who shall develop into scientists and technologists of very high calibre.
- Nurture them through enrichment programmes to develop their talents.
- Help students realize the importance of excellence in the scientific work.
- Conserve scientific talents with a view to provide for the nation's need for science and technology personnel.

THE PROGRAMMES OF THE JBNSTS IN WEST BENGAL

The programmes of the JBNSTS in West Bengal are mainly funded by the Government of West Bengal and to a lesser extent by the Ministry of Human Resource Development, Government of India and the Council of Scientific and Industrial Research.

ACTIVITIES OF JBNSTS TOWARDS MOTIVATION, IDENTIFICATION AND NURTURE OF TALENTED SCIENCE STUDENTS IN 13 STATES OF INDIA :

Date	Programme	Details with Venue
07/04 - 12/04/03	Workshop	"Color of Sky and Sea" For High School Students {~68) of Agartala Held at District Institute of Education and Training {DIET), Agartala Speaker : Prof. N D Hari Dass, Institute of Mathematical Sciences, Chennai
03/04/03	Counselling and Seminar	Attended by Senior JB-Scholars '02 {~19) Speakers : Prof. Partha Sarathi Majumder, Theoretical Physics Division, Saha Institute of Nuclear Physics, Kolkata, Shri Santanu Chatterjee, Executive Director, CESC Ltd., Kolkata and Senior JBNSTS Scholar (1960)
02/06 - 13/06/03	Vacation Class	For 24 participants from 3 Hill Districts of West Bengal and Kolkata Held at Birla Industrial and Technological Museum, Kolkata Speakers : Drs. M Chowdhury, S Goswami, K B Sinha, U. Choudhury, P. S. Majumder, D. P. Duari, S. Chakraborty, H. Mazumdar, S. Sengupta, N. Chattopadhyay, V. Saroja, S. Moitra & N. Maiti.
24/06- 27/06/03	Workshop	*'Aspects* of *Mechanics'* For High School Students (~40) of Meghalaya Held at Lady Keane College, Shillong. Speaker : Prof. Subhankar Ray, Jadavpur Univ., Kolkata & Senior JBNSTS Scholar (1982)
17/07- 20/07/03	WBDS Program	For students from West Bengal, in the age group 12-14 (~56) Held at Arambagh Boys' High School, Arambagh. Special Lecture : ***Nature's Control of Cell Division***. Speaker : Prof Subrata Sen, M D Anderson, Cancer Research Centre, Texas, USA
	Workshop	***."Esho Prokiti ke Chini"*** Speakers : Prof. Pratip Palit, Central Research Institute for Jute and Allied Fibres, Barrackpore, 24 Parganas Prof. Dheera Palit, Gokhale Memorial Girls' College, Kolkata Shri Prajjal Datta, Central Research Institute for Jute and Allied Fibres.

02/08/03	Seminar	For Senior JBNSTS Scholars (~29) Held at Jadavpur University, Kolkata. Speakers : Prof. Siddhartha Sen, Trinity College, Dublin Univ. Ireland, Dr. Sibaji Raha, Bose Institute, Kolkata Dr. Soumya Chakraborty, California State University, USA *Students' Seminar:* by Shri Anjan Banerjee, IIT, Kharagpur Chairperson : Dr. Saurabh Ghosh, ISI, Kolkata *Project Guidance:* Prof. Ambar Ghosh, Formerly Head, Science Division, British Council, Eastern India.
03/08/03	Senior Scholars Interact	Prof. N R Madhava Menon, Vice Chancellor, National Institute of Juridical Sciences, Kolkata. Ms. Saoli Mitra, Theatre Personality, Shri Amit Chaudhuri, Creative Writer and Musician.
15/08 - 17/08/03	Workshop for School Teachers	"Our Environment and Us" (In collaboration with Pollution Control Board and Department of Environment, Govt. of W. B.) Held at Paribesh Bhavan, Kolkata Speakers : Profs. A Banerjee, C C Biswas; U K De, S Banerjee, S Bagchi, A K Ghosh, S Bhowal, J J Ghosh, J Mukherjee, A Deb Sarkar, D N Basu and A Das.
05/09 - 08/09/03	WBDS Program	For students from West Bengal, in the age group 12-14 (~41) Held at Kalyani University
	Workshop	*"Bigyan Keno" ?* (***Why Science*** ?) Speakers : Profs. Shyamal Sengupta, Padmanabha Dasgupta, Chirantan Neogi, A P Chatterjee, S P Sen, S P Bhattacharya, D N De and U K De.
21/09103	XIIIth Jr.Talent Search Test	For students of NE States, (525 students appeared) Held at the following 13 examination centres : (1) Johnston H S School, Imphal, (2) Govt. H S School, Khonsa, (3) Tura Govt. College, Meghalaya, (4) Govt. H. S. School, Aizawl, (5) Shankar Madhav Jr. College, Guwahati, (6) Umakanta Academy, Agartala, (7) Lady Keane College, Shillong, (8) Dibrugarh Bengali High School, Dibrugarh, (9) Govt. H S School, Itanagar, (10) Teachers' Training College, Silchar, (11) TNSS School, Gangtok, (12) Patkai Christian College, Dimapur, (13) Faculty of Agriculture, Assarn Agricultural University, Jorhat.
14/10-22/10/03	WBDS Program	For school students in the age group of 12 -14 years (~30) Held at National Council of Science Museum, Kolkata
	Workshop	***" Science and Scientists"*** Speakers : Profs. B Talapatra, Pratip Palit, Partha Ghosh, A K Ghosh, P B Pal, S Sengupta, P P Majumdar, A Bandyopadhyay, S Chakraborty, N R Maity, T S Banerjee and A Dutta.

28/11 - 10/12/03	Talent Enrichment Program	For Senior JB-Scholars and students from Orissa and Chhattisgarh. Visit to the following Science & Technology Centres in Mumbai and Bhubaneswar : 1) Tata Institute of Fundamental Research, Mumbai 2) Bhabha Atomic Research Centre, Mumbai, 3) Homi Bhabha Centre for Science Education, Mumbai, 4) Centre for Development in Advanced Computing (NCST - CDAC), Mumbai, 5) Institute of Physics, Bhubaneswar, 6) Regional Research Laboratory, Bhubaneswar.
11/12 - 16/12/03	Workshop	"Information Technology" For high school students (~75) Held at SCERT, Aizawl, Mizoram Speakers : Profs. R N Biswas and Snigdha Biswas, Dhirubhai Ambani Inst. of Information & Communication Technology, Gandhinagar, Gujrat.
18/12- 22/12/03	Selection Test	For high school students (~30) from 8 NE States Held at Kolkata, Salt Lake Stadium & S N Bose National Centre for Basic Sciences.
20/12/03	Follow-up- Program	For same group of students Visit to : Science City
22/12/03		For same group of students Visit to : Central Glass & Ceramic Research Inst.
21/12/03	Workshop	***"Atom for Peace"*** For high school students from NE States and from Kolkata Held at S N Bose National Centre for Basic Sciences. Conducted by Bhabha Atomic Research Centre, Mumbai Speakers : Dr. S B Ghosh, Shri K Chakrabarti and Shri R K Sharma.
22/12/03	Annual Award Ceremony	Chief Guest, Prof. Satyasadhan Chakraborty Hon'ble Minister of Higher Education, Govt. of W.B. Keynote Address : Prof. N Kumar, Director, Raman Research Institute, Bangalore, Guest of Honour : Prof. R P Billimoria, Founder Member of the Governing Body of JBNSTS and Managing Director, Billimoria Consultants (P) Ltd.
11/01/04	Senior Talent Search Test	For undergraduate science students of West Bengal Held at the following 6 examination centres : 1. Siliguri College, Siliguri, Darjeeling, 2. St Xavier's College, Kolkata, 3. Indian Institute of Technology, Kharagpur, 4. Ramkrishna Mission Residential College, Narendrapur, 5. Ramkrishna Mission Vidyamandir, Belur Math, Howrah, 6. Burdwan Town School, Burdwan.

17/01/04	Project Evaluation and Discussion - Phase -I for Senior JB-Scholars. 2002	Advisory Panel : Profs. Siddhartha Sen, Trinity College, Dublin, Ireland Jayanta Bhattacharya, IACS, Kolkata, Amber Ghosh, formerly of British Council, Kolkata, Susanata Roy Choudhuri, Indian Inst. of Chemical Biology, Subrata Sen, MDA Cancer Centre, Univ. of Texas, USA, A R Rao, Indian Statistical Institute, Kolkata, Alok Goswami, Indian Statistical Institute, Kolkata.
26/01/ - 28/01/04	Talent Enrichment Program at Kolkata	18 High School Students from NE Lecture series : Held at National Council of Science Museums, Kolkata by Prof. (Dr.) Arvind Kumar, Director, Homi Bhabha Centre for Science Education (HBCSE), Mumbai, Shri Anand Diwakar Ghaisas, HBCSE, Mumbai, Shri Shirish R Pathare, HBCSE, Mumbai.
29/01/04	Follow-up-Program	For same group of students, Visit to: Central Glass and Ceramic Research Institute and Indian Institute of Chemical Biology
30/01/04		For same group of students, Visit to: Science City and Nicco Park.
07/02 - 08/02/04	Seminar Series	Senior JB-Scholars (~18) Held at National Council of Science Museums, Kolkata, JB Scholar, Shri Dibyajyoti Jana, IIT, Khagpur, Chairperson: Dr. Gautam Sengupta, Jadavpur University, Kolkata, JB Scholar, Shri Arnab Banerjee, IIT, Kharagpur, Chairperson: Dr. Jayanta Kr. Bhattacharya, Indian Association for the Cultivation of Science, Kolkata, JB Scholar, Ms.Nivedita Mukherjee, Bethune College, Kolkata, Chairperson: Dr. Saurabh Ghosh, Indian Statistical Institute, Kolkata, Appreciation of Western Classical Music: Dr. Anita Mehta, SN Bose National Centre for Basic Science, Kolkata.
27/02 - 29/02/04	WBDS Interactive Science Workshop	For middle School Students in the age group of 12 -14 years (~80) Held at Sagore Dutta Free High School, Kamarhati, West Bengal Speakers : Profs. Dipan Bhattacharya, Saha Inst. of Nuclear Physics, Kolkata, Bani Talapatra, Calcutta University, Utpal Kumar De, Jadavpur University, Kolkata, Chandi Charan Biswas, Jadavpur University, Kolkata, Subhamoy Moitra, Indian Statistical Institute, Kolkata, Shri Anshuman Das, DRC Service Centre, Kolkata.
28/02/04	Science Day	Science books were distributed to the participants of the workshop held at Sagore Dutta Free High School, Kamarhati, N-24 Parganas. A computer with Printer and Internet connection was donated to Sagore Dutta Free High School Educational CD-s and books were distributed to 10 schools from N -24 Parganas, which participated in the workshop.
14/03 - 17/03/04	Awareness Program	Visit to various officials of the Education Department, Schools and Scientific Institutions of Andaman & Nicobar Islands
18/03 - 21/03/04	Final Interview	For Senior JB-Scholars (38) of West Bengal held at JBNSTS, Kolkata
	Scientific Creativity Test	For the same group of students Held at S N Bose National Centre for Basic Science, Kolkata

10.5 INDIAN ASSOCIATION FOR THE CULTIVATION OF SCIENCE

Estd : 1876
2 A & B, Raja S.C. Mullick Road,
Jadavpur, Kolkata-700 032
Telephone : 2473-46788/3372/3073
Fax : (91)(33)473-2805,4836561

After immediate completion of 125 years and at the juncture of 75th Year of Discovery of Raman Effect IACS continues to strive towards excellence in basic science and allied technology covering several emerging frontline areas of materials research, atomic, molecular and optical physics, molecular science, theoretical science and biology. However, the acute shortage of funds remains a matter of grave concern for its all-round growth and development.

Research Activity in various departments and units :

Materials Science

During the year motivated research has been carried out in the Department of Materials Science of Indian Association for the Cultivation of Science on the front line areas of synthesis and characterization of materials of current interest. There is also a strong theoretical group working in the front line areas of Atomic and Molecular Physics.

Continued activities have been in the areas of Powder Profile Analysis in Alloys, Films and Crystal Growth and defects Characterization in solution-grown single crystals of sulphate groups.

Theoretical work was started to explore different approaches to molecular control. Investigation of selective population transfer by chirping, control over angular distribution and product branching using appropriately designed multi-frequency pulses is being carried out. Future plans include coherent phase control, optimization of pulse shape for achieving a specified target state.

Solid State Physics

Magnetic susceptibility, specific heat and Mossbauer spectral study of highly frustrated magnetic system like Dy2Ti2O7 are reported. Magnetic properties of molecular magnets have also been investigated. EPR measurement on Mn(II) clusters in silica glass is indicative of supraparamagnetic transition at low temperature. Reciprocal space-real space direct methods have been applied successfully for ab-initio solution of a protein, lysozyme, without heavy atom. Donor-acceptor type heterojunction devices and dye-sensitized solar cells have been fabricated. A model has been developed to generate characteristics of light-emitting devices. Nanoparticles and nanorods of antimony selenide were prepared and optical and electrical properties were studied.

Spectroscopy

The highlight of achievements :

Laser flash photolysis experiments performed on different organic donor acceptor systems reveal the production of monomeric triplets, importance or hydrogen bonding effects, energy exchange via charge recombination process and enhancement of photobleaching efficiencies in non-polar environment. Identification of new and fascinating host-guest complexes of organic molecules in restricted geometry, dual fluorescence of some organic compound in reverse micelles and identification and mechanism of ultrafast excited state proton transfer have been done through photophysical studies.

Theoretical Physics

In the field of atomic and molecular physics Feshbach resonances due to the auto-detaching states of the positronium ion below the positronium excitation thresholds have been successfully predicted. First quantum calculations for antihydrogen-hydrogen scattering have been performed. Electron correlation effect has been studied for some two-electron transition processes.

In the field of condensed matter physics the relevance of effective theory for the edge fractional quantum Hall effect has been microscopically tested. A novel technique has been developed by which low energy spectrum for a fairly large number of uncommon fractional quantum Hall stakes can be obtained.

In the field of nonlinear dynamics it was shown by constructing a simple dynamical system analogous to the full system of spherical Bondiflow around a massive star, how the nonlinearity can actually select a particular trajectory at infinitely long times. This helps us understand how the transonic Bondi flow results in the steady state.

In the area of astroparticle physics, theoretical estimates of sealevel muon specron at different zenith angles have been made and impressive agreement found with experimental data.

In the area of high energy phenomenology, a non-minimal supergravity framework has been identified where there is a possibility of having higgsino dominated lightest neutralino while having a smaller range of fine-tuning throughout the parameter space of the model.

In the field of gravitation and cosmology it has been shown that a spacetime with torsion can explain astrophysical signals like optical activity in radiation from distant galactic source. The implication for different compactification schemes has been explored.

Energy Research Unit

(i) An indigenously designed and fabricated prototype production line for the fabrication of large area integrated double junction (30 cm x 30 cm) a-Si.' solar modules have been set up and made operational in December, 2002. Initial trial with the line has been started.

(ii) High growth rate (4.5 A/Sec) has been achieved for intrinsic microcrystalline silicon films prepared by RF-PECVD method.

(iii) Microcrystalline silicon based single junction solar cell has been fabricated with 6 % efficiency.

(iv) Using transparent conducting ZnO (developed in our laboratory) at n/metal interface more than 10% increase in efficiency has been achieved in amorphous silicon solar cells.

(v) A new PECVD deposited material has been developed and applied in single and double junction solar cell with higher stability.

(vi) Plasma diagnostic of silane plasma mixed with different gases is on going.

(vii) Using insight gained from theoretical modeling, specially the fact that the p/i interface for the pm-Si:H cells is considerably more damaged than standard a-Si:H based cells, the deposition parameters were optimised to ultimately yield pm-Si:H cells, with conversion efficiencies higher than a-Si:H cells.

Biological Chemistry

Total synthesis of tetra- and pentasaccharides related to the Shigella dysenteriae type 9 and Escherichia coli type 026 have been completed in view of our ultimate goal of preparing synthetic vaccines. Lectins from hemolymph of gastropod and fish sera have been purified to homogeneity by chromatography on ion-exchanger and affinity matrix and their erythroagglutinin properties have been studied.

Inorganic Chemistry

This includes : (1) Self assembly towards the construction of molecular ladder and rectangular grid of cadmium(II)-selenocyanate; (2) three new single end-to-end.azide-bridged copper(II) chains using three different tridentate Schiff bases magneto-structural correlations; (3) valence delocalization in a mixed-oxidation divanadium(IV, V) complex electro generated from a divanadium(V) analogue; (4) electron transfer reactions involving monomeric manganese(III)-and bis(u-oxo) manganese(III, IV) macrocycles; (5) new observations on copper(I)-water bond and electrooxidation of tetraphenylborate anion, (6) deamination reactions in osmium (II) complexes.

Organic Chemistry

The continuing research efforts have unfolded novel methods of carbon-carbon bond formation by metal mediated reactions, transition metal induced radical reactions, and Lewis acid catalysed and microwave assisted processes. Asymmetric synthesis via chirality transfer during photocycloaddition reaction is one of the most significant achievements. These methodologies have been successively applied for the total syntehsis of bioactive substances like pseudo nucleosides, sesquiterpenes and allelopathic compounds. A number of heterocyclic systems have been synthesised through transition metal induced reactions for investigating structure-activity relationships.

Physical Chemistry

A theory of quantum Brownian dynamics has been developed. A new class of growth models with nonlinear diffusion has been proposed and its implication and applicability to several biological problems (e.g., tumor growth) is being explored. A picosecond diode laser has been set up and solvation dynamics of proteins has been studied by covalently attaching the probe to the protein. IR-UV double resonance spectroscopy in supersonic jets has been used to obtain structures of hydrated clusters of tetrahydro isoquinoline. Multireference coupled cluster theory has been developed to obtain detailed infonnation about potential energy surfaces of molecules in which correlation effects are strong.

Polymer Science Unit

Researches in the following areas were conducted :

Living Polymers : Synthesis of living polyacrylamide (an important water soluble polymer) was accomplished for the first time using the atom transfer radical polymerization route.

Novel elastomer blends : Various combinations of accelerators and vulcanizing agents were investigated in order to improve upon the covulcanization of elastomers differing greatly in the level of unsaturation e.g. natural rubber + EPDM rubber.

Polymer crystallization : The crystallization of PET with the piezoelectric polymer poly(vinylidene fluoride) was explored.

Polymer gelation : Conductivity variation of polyaniline gels was studied it was the thermodynamics of gelation of poly (3-alkyl thiophene) in xylenes.

Polymer based nanostructures : Progress has been made towards the synthesis of hollow polymer nano-capsules.

Polymer-surfactant interaction : Interaction between a physiologically important surfactant viz. bile salt and a biocompatible polymer, poly(vinyl pyrrolidone), was studied.

Honours and Awards :

Our faculty members have received national awards, they have been elected to distinguished Academies of Sciences and invited to address various national and international meetings.

10.6 INSTITUTE OF HISTORICAL STUDIES

Estd : 1961
35, Theatre Road
Kolkata – 700017
Phone : 2247-5236

The Institute of Historical Studies founded by a great visionary and dynamic devotee of Clio, Dr. S. P. Sen, in 1961 is today a leading all-India association of historians. There is not a single state or university from Kashmir to Kerala and from Gujarat to Assam and Meghalaya where the Institute does not have at least a few members. During the year 2002- 03, 62 new members including 15, Life Members have been enlisted.

The Institute, as an autonomous body, is financed by both the Deptt. of Higher Education, Government of West Bengal and the Ministry of Culture, Government of India, the entire maintenance cost being borne by the Government of West Bengal and the Government of India on a 50 : 50 basis.

With the help and co-operation of the members and subscribers, benefactors and well-wishers, scholars and historians all over India and abroad, the Institute has, during the year under review, pursued its varied activities in the academic field with the same vigour as in the previous years.

ACTIVITIES (2003-2004) :

In April, 2003, a Dance Director, Script Writer and Choreographer, Dr. Sukla Bandyopadhyay Palit of the 'Natanam Kolkata' spoke on 'Contribution of the Devadasi Cult in the Development of Indian Classical Dance'. Dr. Chittabrata Palit presided over the meeting.

- The Institute, in collaboration with the Kalyan Kumar Dasgupta Memorial Committee, organised on May 26, 2003 a seminar on 'Aspects of Indian Folk Art and Music in Historical Perspective'. Dr. Sukha Bilas Barman, Professor Barun Chakravarty, Dr. Gautam Sengupta, Dr. Mahua Mukherjee, Dr. Mahua Sarkar, Dr. Nupur Das Gupta and Sm. Rituparna Basu presented very interesting papers on the theme at the Seminar.

- The Institute celebrated the Founder's Day Anniversary on 7th and 9th June, 2003. The Junior Research Scholars' Seminar was held on the first day. At the inaugural function Professor Satyasadhan Chakraborty, Hon'ble Minister-in-charge of Higher Education, Government of West Bengal formally released the Institute's latest publication, Dr. Haraprasad Ray's Northeast India's Place in India-China Relations and its Future Role in India's Economy.

- Dr. Amalendu De, President of the Asiatic Society, Kolkata, and formerly Professor of History, Jadavpur University, delivered on 9th June, the Dr. S.P.Sen Memorial Lecture on 'Indian Renaissance in Pre-Colonial and Colonial Context : An Analytical Study'.

- Discussion Meeting on 23rd August '03, Speaker: Mr. Nicholas Rhodes, Subject: The Coinage of Samatata : Some Thoughts. Dr. Dilip Kumar Ganguly presided.

- Discussion Meeting on 29th October, '03, Speaker: Dr. Walter Hauser, Subject: Reflections on Peasants, Politics and History in 20th Century India. Dr. Samaren Ray presided.

- Professor H. L. Gupta Endowment Lecture on 29th Nov, '03, Speaker : Dr. Ramakanta Chakraborty, Subject : The Spirit of Hinduism: Historical Discourse, Dr. Sitangshu Mookherjee presided.

- Professor A. P. Mathur Endowment Lecture on 20th Dec. '03, Speaker : Dr. Ranjit Sen, Subject : Indian Society and the Question of Women's Empowerment. Dr. Chittabrata Palit presided.

- Justice B.N. Banerjee Memorial Lecture on 10th Jan., '04, Speaker : G. Subbiah, Subject : Situating Early South India : A Historiographical Critique. Dr. Ramakanta Chakraborty presided.

- Discussion Meeting on 17th January '04, Speaker : Dr. Ujjal Ray, Subject : Journalism and the Bengali Middle Class Perception of a Profession in the 19th & 20th Centuries.Dr. Ranjit Sen presided.

- Professor Sunil Kumar Sen Memorial Lecture on 7th February, '04, Speaker : Dr. Ranjan Chakraborty, Subject : Early American Merchants in the City of Palaces : Diaries of Samuel Shaw and Edwin Blood. Dr. Chittabrata Palit presided.

- Professor N.R. Ray Memorial Lecture on 14th February, '04, Speaker : Dr. Dilip Coomer Ghosh, Subject : Urban Life Style in Mughal India. Dr. Ramakanta Chakraborty presided.

- Discussion Meeting on 21st February, '04, Speaker : Bilkish Rahman Dola, Subject : Muslim Society in the Nineteenth Century Bengal : Men-Women Relations. Dr. Ranjit Sen presided.

- Biplabi N.S. Chakraborty Memorial Lecture on 23rd February, '04, Speaker : Dr. Suranjan Das, Subject : Towards an Understanding of Revolutionary Movement in Pre-Independent Bengal. Dr. Bharati Roy presided.

ANNUAL CONFERENCE :

The 40th Annual Conference of the Institute was held at Udupi, Karnataka under the auspices of Rashtrakavi Govindapai Samsodhana Kendra from 7th to 9th November, 2003. The principal theme of discussion was 'Pluralism in Indian History and Culture : Through the Ages'. There was also a local theme, namely 'Socio-Political and Cultural Movements in Karnataka'. Nearly 100 delegates from different parts of India attended this all-India conference. About 30 papers on both themes were presented at the conference for academic deliberations.

JOURNAL AND OTHER PUBLICATIONS :

The Quarterly Review of Historical Studies is one of the leading historical journals of India. The Institute regularly publishes the journal which is widely subscribed in India and abroad. So far Forty-one volumes and nos. 1 & 2 of the Forty-two volume have been published. We intend to publish nos. 3 & 4 of the said volume of this journal during this financial year.

OTHER ACTIVITIES :

The Institute provides assistance to scholars working on projects of historical research. During this period under review several such research projects as submitted through Institute to the Indian Council of Historical Research are in progress with grants from the Council.

10.7 INSTITUTE OF DEVELOPMENT STUDIES

Calcutta University Alipore Campus,
1,Reformatory Street, 5th Floor,
Kolkata –700027
Ph. No. 2448-8178, E-mail : idsk1@vsnl.net / idsk@rediffmail.com

The Institute of Development Studies Kolkata (IDSK) was established in 2002 under the provisions of West Bengal Societies Act XXVI of 1961 in pursuance of the recommendations of a committee set up by the West Bengal Council of Higher Education. Professor Irfan Habib was nominated as the first President and Professor Amiya Kumar Bagchi was elected as the first Director cum Secretary of the Institute.

The objectives of the IDSK include several dimensions. First of all, it is to help understand the process of socio-economic transformation and development in West Bengal and the eastern region as well as in other parts of the country and abroad. For this basic purpose, it has to establish the highest standards of research by paying adequate attention to the appropriate empirical, theoretical and methodological issues. It is envisaged that the IDSK will facilitate interaction among various disciplines within social

sciences with a view to conceptualizing different aspects of socio-economic transformation and development. The IDSK will continually explore the possibility of discourse between social sciences and other sciences; including technology- oriented disciplines. With the help of research findings, it will focus on the problems of formulating the required socio-economic policies. The IDSK will also train future researchers, some of whom may acquire M.Phil or Ph.D. degrees. It will help other civil society organizations in training, their key personnel who will implement their programmes. In addition to these goals, the IDSK may undertake any other academic activity which expedites the fulfillment of the above objectives.

ACTIVITIES OF THE INSTITUTE

A. Research Programmes

Project on literacy and primary education in West Bengal

The Institute launched a research programme on "Literacy and Primary Education in West Bengal" with the aim of constituting a research group that would inquire intensively into both the micro and macro -aspects of achievement, of universal literacy and elimination of the phenomenon of children of school-going age not attending school. A conceptual flier setting out some of the major obstacles faced while trying to attain these objectives was printed with the help of leading experts in the field, including Professor Prabhat Datta and Dr. Dipankar Sinha of the Department of Political Science, Calcutta University and Professor Raghabendra Chattopadhyay of the Indian Institute of Management, Calcutta. This flier was circulated to all the colleges of West Bengal, to the relevant departments of the universities of West Bengal and also to the Bangiya Saksharata Samiti, offices of the District Magistrates and Zilla Sabhadhipatis and NGOs working in the field of education and literacy in West Bengal.

Project on health, nutrition and public policies in West Bengal

With the help of Dr. Dilip Mahalanabis, a pioneer in oral rehydration therapy, Dr. Satish Agnihotri, an expert on determinants of women's survival rates and Dr. Krishna Soman of the Institute of Development Studies, Kolkata, a flier was prepared on the issues of health, nutrition and public policies in West Bengal. Advertisements were put out in the *Economic and Political Weekly* asking for proposals on the issues set out in the flier. The flier was circulated among persons known to be working on those issues. Sixty-eight applications were received from interested researchers. After short listing and screening through a one-day workshop on 31st January, 2004, ten researchers were selected by Dr. Krishna Soman and the Director with the help of Dr. Mahalanabis and Dr. Amitava Sen. The project has begun from 1st March and will continue till 31st August 2004.

B. National Seminar

On 15 and 16 October, 2003, a national seminar in collaboration with the Department of History, Calcutta University was held under its auspices on "Public Health in India: Colonial and post-colonial experience". The Indian Council of Social Science Research supported the seminar with financial help. Eminent historians and specialists in the area of health studies participated in the seminar.

C. Workshops

On 17th and 18th October, 2003 the Institute organized a workshop on "Teaching of Development Economics", in collaboration with the Department of Economics, Calcutta University. More than fifty college and university teachers attended the workshop.

II. Collaboration with other organizations

a. MOU with NISTADS, New Delhi

The Institute has signed a Memorandum of Understanding with the National Institute of Science, Technology and Development Studies, New Delhi.

b. Research Project funded by Rosa Luxemburg Foundation, Berlin

The IDSK signed an agreement with the Rosa Luxemburg Foundation, Berlin, on 11 March, 2004. According to this agreement, IDSK as the nodal centre, will implement a three year long research project entitled 'Women and Media in the Context of Contemporary Globalisation'. Four leading centres of gender-studies : School of Women's Studies, Jadavpur University; School of Women's Studies, Bhubaneswar, Utkal University; Women's Studies Research Centre,Gauhati University, Guwahati and Institute of Women's Studies, Lucknow University, Lucknow have been invited to join as partner institutes in this programme.

III. Library

The library of the IDSK started functioning a year ago. It has already accumulated more than eight hundred titles of books. It subscribes to twenty eight foreign journals, and eighteen Indian journals in the fields of education, public health, economics, gender studies, history, finance, sociology, labour studies and other fields of social sciences relevant to Institute's research areas including literary studies. Besides it already has a considerable collection of reports, conference papers and proceedings and other primary sources of information related to IDSK' s research.

The library has recently received as gift from Dr. Madhumita Roy of Tufts University a valuable collection of books belonging to the Late Michael Sprinker. The library has also acquired books and journals from other friends of the IDSK.

The library is on the way to acquiring e-journals and e-books and a number of digital materials.

10.8 PASCHIM BANGA ITIHAS SAMSAD

Sarat Bose Bhavan,
1, Woodburn Park,
Kolkata – 700 020

Paschim Banga Itihash Samsad is one of the largest regional associations of professional historians, history- inclined academics and lay persons in India. It has maintained close link with the Indian History Congress for more than a decade now. The organization has more than 2000 members.

OBJECTIVES

The PBIS has consistently tried to promote the cause of teaching and research in history through the Bengali language and maintain links with other regional associations pursuing similar goals. It has also directed its efforts towards upholding secular and scientific values in all history-related endeavours. It has continued to devote its attention to rationalizing and updating the history curriculum followed in schools, colleges and universities of West Bengal. The publications of books and compilations of articles continued to form an integral part of Samsad's activities. The PBIS also organizes special lectures on education, political thought and historical geography apart from social and economic history of India.

Publications

1. **Itihash Anusandhan**, Vol 17, 816 pages
2. **Itihaser Prekhite Kolkatar Sankhalaghu Sampradai** (Edited by Sk Makbul Islam)
3. **Paradhiner Romantikata o Jugosandhir Rabindranath** by Professor Malini Bhattacharya, Jadavpur University
4. **Banglar Nabajagarane Sangati Asangatite Vidyasagar** by Professor Ashok Sen.

10.9 THE RAMKRISHNA MISSION INSTITUTE OF CULTURE

Estd. 1938
Gol Park, Calcutta - 700029
Telephone: 2464-1303, Fax : (91-33)2464-1307, E.mail : rmic@vsnl.com

The Ramkrishna Mission Institute of Culture is a Branch Centre of the Ramkrishna Mission, Belur Math. It was established in 1938 in a small rented room in North Calcutta and shifted to Gol Park in 1961. Pandit Jawaharlal Nehru inaugurated it on 1st November 1961.

OBJECTIVES

The activities of the Institute are directed towards fulfillment of its three main objectives : (i) proper interpretation and appraisal of Indian culture, (ii) the promotion of mutual understanding between India and other countries, and (iii) the promotion of the study of cultural heritage of India and of mankind as a whole.

ACTIVITIES DURING – 2003-2004.

- During the year the Institute's Library increased its stock of books and bound volumes of periodicals to 2,36,597. The number of books purchased, obtained as gifts and bound periodicals during the year was 5,547. The average daily attendance in the Library was 1,423.

- The Institute's School of Languages teaches 15 languages : 4 Indian and 11 foreign. The total enrolment for the year was 16,761. English accounted for 84.06% of the total students enrolled. The Convocation of the School of Languages was held on 29 March 2003. The Union Minister of Tourism and Culture, Sri Jagmohanji delivered the Convocation Address.

- During the year the Institute organized 107 Endowment Lectures, 102 Scripture Classes, 51 Discourses, 22 Public Lectures and 2 Special Lectures. The Institute also organized 7 Special Programmes on the Birth Anniversary of Sri Thakur, Ma, Swamiji and Foundation Day, Christmas Eve, Convocation and Inauguration of Exhibition. Vivekananda Study Circle (Junior) organized 10 programmes. The Institute also conducted 6 Seminars and Symposia, 11 Recital and Music Festivals, and Elocution Competition on Swami Vivekananda in which number of participants were 405 and the prize winners were 63.

- The Monthly Bulletin, which completed 54 years in December 2003 is one of the major media for dissemination of Culture. It is a full-fledged journal covers wider and deeper areas of both Eastern and Western culture.

- During the year Vivekananda Study Circle conducted 20 session at the Institute. Vivekananda Study Circle also conducted its programme on Value Orientation throughout the year in semi-urban and rural areas. It conducted 131 sessions during the year. Minimum attendance was 100 and maximum attendance was 1,000. Approximate number of youth reached 27,670. This year Convocation was held at the Institute on 2 November 2003. 1,550 delegates were enrolled from 52 different organizations, district covered 10 (Kolkata, North 24-Parganas, South 24-parganas, Howrah, Hooghly, Purva Midnapore, Paschim Midnapore, Bankura and Burdwan).

- During the year the Centre for Indological Studies and research expanded its activities to promote Indian Studies and to encourage Research Work among with Indian and Foreign students.The Convocation of the Centre for Indological Studies was held on 19th April, 2003. Prof. Satya Sadhan Chakraborty, Hon'ble Minister-in-charge, Higher Education Department, Govt. of West Bengal gave away the certificates to successful students in Bharattattva (Indology course), Prathama (Preliminary), Madhyama (Intermediate) and Vidyalankar (Advance) Sanskrit Courses. The Hon'ble Minister also released a book entitled 'Dictionary of Advaita Vedanta' which was published by the Centre. The Centre guides many scholars in their research work.The number of Indian Pre-doctoral and Post-doctoral research scholars were 14 and 5 respectively during the year. The number of foreign scholars studying in the Centre were 12.

- The Museum and Art Gallery of the Institute conducted a 6 months course on 'Appreciation of Indian Art'.

- The International House provided accommodation for 3,212 scholars and guests who come to study from different countries of the world. They were Indian as well as others from foreign countries like Africa, Bangladesh, Canada, Germany, Japan, Lithuania, Romania, Sri Lanka, U.K. and U.S.A.

- The Institute also granted scholarships to poor and meritorious students of schools and colleges including medical students and financial assistance to participants' children of the Institute for their study worth Rs 8,23,700/- during the year.

10.10 SOCIO-ECONOMIC RESEARCH INSTITUTE

Date of establishment : 7th July 1959

C-19, C-39 & P-16 (Tower Block), College Street Market, (1st Floor), Kolkata-700 007

Phone :+91(033)2241-0775 Fax : +91(033)2219-8169 E.mail : socioecoresearch@vsnl.net

The Institute is devoted to the study of social and economic problems of India, past and present. Shri Durga Prasad Bhattacharyya is the present Secretary of the organisation.

The ongoing research projects of the Institute are the following :

1. Pre-Census Population Project of India sponsored by the Planning Commission and the Registrar General, India :

The purpose of the project is to compile and publish descriptive and statistical materials on any part of India — Provinces, districts, cities, towns, taluks, thanas, villages from the ancient period of 1870 when the first census was conducted. It is proposed to publish 8 volumes, one volume for the period up to 1800, and one for each decade from 1801 to 1870. Four volumes relating to the period 1801-1840 have been published by the Registrar General, India. The manuscripts for Volume VI (1841-1850) and Volume VII (1851-1860) have been sent to the press by the Registrar General, India.

1.1 The Registrar General came to Kolkata and as per discussion with him, a proposal for compilation of two volumes from 4000 B.C. to 1800 A.D. and 1861-1870 has been submitted with a budget of Rs.12 lakhs.

2. A Bibliography of Bengali writing on social sciences 1948 onward sponsored by the Indian Council of Social Science Research (ICSSR), Union Ministry of Human Resource Development :

The Institute has compiled a bibliography of economic and sociological writings in Bengali up to 1950 with the support of the ICSSR. The Paschim Banga Bangla Academy has published the bibliography of economic writings in Bengali. The Institute has completed a catalogue with annotation of books and articles for a bibliography of all branches of social science from 1948 to 1990 and manuscript are being processed for publication.

3. Economic History of India: Documents. 1858-1901—Agriculture and Irrigation—sponsored by the Indian Council of Historical Research (ICHR), Union Ministry of Human Resource Development :

The purpose of the project is to compile documents having a bearing on agriculture and irrigation in India from manuscript and published sources. The work has been completed and two volumes of the manuscript have been submitted to the ICHR for publication.

4. A Bibliography of Bengali Writings on Science and Technology, 1800-1950 :

The Institute is going to publish Bengali Writings on Science and Technology, 1800-1950. The West Bengal Government has sanctioned a grant of Rs.25,000.

Emergence of cost management in Infrastructure Sector - a major determinant of Manufacturing Growth. Published in Research Bulletin of Institute of Costs and Works Accountants of India.

5. ICSSR Fellowship :

The Indian Council of Social Science Research has awarded a Fellowship to Dr. Chandralekha Ghosh at this Institute under Professor Durgaprasad Bhattacharya. The title of the subject is Migration from Bihar - A Study since Independence.

Conference :

Dr. Chandralekha Ghosh presented a paper at the conference of the Indian Association for the Study of Population held at Annamalai University on 9th-11th February, 2004.

10.11 TAMRALIPTA JANAKALYAN SAMITY

P.O. Kulberia, Dist. East Midnapore,
Tamluk Sub-Division
Pin – 721649

Under the auspices of Tamralipta Janakalyan Samity a four storied building styled as "Smriti Soudha" was completed in 1996 to commemorate the memory of Freedom Struggle in the erstwhile Tamluk and Haldia Sub-divisions and its participant Freedom Fighters.

ACTIVITIES :

Libraries :

Two libraries : (1) Public Library and (2) Research Library.

During the period the activities are as follows :

(1) Public Library

Books purchased and collected - 13, Attendance of Readers - 1356,

Average attendance per day - 21, No. of new members enrolled in the Library during the period -16 Total members -116.

2) Research Library

4 Research workers availed of the facilities on different days during the period - 6.

Publication of Books :

The manuscript of the Second volume(1900-1940) on Freedom struggle of Tamluk Sub-Divisions (Tamluk and Haldia Sub-Divisions now) is under editing by the Editorial Board.

Museum :

Freedom struggle of erstwhile Tamluk Sub-Division. Statues of Leaders of the Freedom struggle, Oil paintings of the different events of Freedom Movement, Photos of Freedom Fighters have been displayed here. During the period, individuals, group of visitors, students in batches from some Schools have visited the Museum.

Observation of National Days :

Observation of Independence Day, Republic Day, Mahatma Gandhiji's birthday etc. have been observed on scheduled days.

Use of Community Hall

Our Community Hall has been utilised by the Government, Zilla Parishad, Panchayati Raj Bodies and public for meetings, trainings, social functions etc.

Observation of the Foundation Day of Tamralipta Jatiya Sarkar (1942-1944)

17th December is the Foundation Day. On 17.12.02 the day was observed through procession in the morning by the inhabitants of the neighbouring villages. Football competition, meetings in the afternoon and cultural function in the evening were held.

Purchase of land and laying of Foundation Stone

A project for the establishment of a modern Community Hall has been taken up by us. For this purpose, 16 decimals of land are required by the side of our Campus of which 8 decimals of lands have been purchased by us at a cost of Rs.2 lacs. We are now becoming ready for the purchase of the remaining land. The foundation stone of the said project was laid on 23.2.2004 last.

10.12. SRI SRI SITARAMDAS OMKARNATH SAMSKRITA SIKSHA SAMSAD

107, Southern Avenue, 'Vaikunthadham',
Kolkata –700029
Ph : 2466 4983

Activities (2003-2004) :

The main objectives of the Samsad are to propagate the Sanskrit and Vedic learning as also to disseminate the message of Indian Culture.

The Samsad has become the only Institute of its kind in the Eastern Region of the Country imparting instructions in Sanskrit and Vedas in accordance with Syllabus prescribed by the Government of India. Simultaneously, the Samsad is running a traditional course for preparing its students to sit for the "Adya", "Madhya" and "Upadhi" examinations conducted by State Government through the Bangiya Sanskrita Siksha Parishat. Side by Side, Students are also being taught in Modern Subjects and Computer Application with a view to enlarging the sphere of their employment opportunity. During the year under review, it had been maintaining 52 students who were undergoing the above courses in its three units.

The Government of India introduced the "Vedic course (Open to all)" in 1994 and has entrusted the responsibility of conducting this course in this part of the country to the Samsad. The course, which is meant for persons interested in having knowledge produced by the ancient wisdom, has by now become very popular. During the year 2003-2004 this course was conducted at Suri, Birbhum with 65 students chosen from various walks of life.

The Samsad is running a publication wing and a few books on Indology have already been published by this wing.

The Samsad has Cultural Unit which holds Cultural functions on such themes as would inculcate in the minds of the audience a sense of pride about the rich cultural heritage of the Nation. Besides, Research works in different areas of Indian Culture and performing arts is also being carried on in this Unit.

The Samsad organises every year Seminars, Workshops and Memorial Lectures on diverse topics of Indian Studies and arranges lectures on Indian Culture each of which is intended to highlight the relevance of Sanskrit and Vedas in contemporary world and to create awareness in regard to the treasures preserved in the store-house of Sanskrit in the minds of the general mass. It is highly encouraging that each of the above programmes could attract large numbers of audience.

The Samsad holds its own examination every year in "Adya", "Madhya" and "Upadhi" in accordance with syllabus drawn by the top-most Scholars in the country. Certificates to successful candidates are awarded in the Annual Convocations. In the last Convocation held on December 14, 2003. the Convocation Address was delivered by Dr. Vishnukant Shastri, the Governor of Uttar Pradesh.

The Samsad has a well-organised Research Centre where Scholars are working in different fields of traditional subjects under the guidance of eminent teachers. Currently, the Research Centre has been working on three big Projects, as mentioned below, which have been assigned to the Samsad by the Government of India, Ministry of Human Resource Development, on the recommendation of the State Government :-

1. Preparation of Anthology in the fields of Indian Literary Criticism, Indian Logic and Indian Political thoughts.

2. Art of Life
3. Dictionary of Sanskrit Poetics

Positive progress has since been made in this field and progress reports are sent periodically to the Government of India.

Besides the above three schemes, the State Government has also recommended to the Government of India another important Project of the Samsad, viz, 'Website Development as a means for promotion of Sanskrit" which, it is learnt, is at present under active consideration of the Government of India.

10.13 RAMKRISHNA MISSION ASHRAMA

Narendrapur, Kolkata-700 103
Phone - 24772201, E-mail : rkmcnpur@vsnl.com. Fax : 2477-3597

The Ramkrishna Mission Ashrama, Narendrapur, is a premier branch centre of the Ramkrishna Mission with a wide range of activities. It had a very humble beginning as a Students' Home for college students in North Calcutta in 1943 and later on shifted to its present site in 1957. The campus occupies an area of 150 acres with a road length of 7 km and stays rich green throughout the year. The activities of the Ashrama can be classified as :

Formal Educational Activities :

- Residential Secondary School with 760 boys
- Residential Degree College with Higher Secondary section with 650 students
- Residential Blind Boys' Academy with around 200 students
- Co-educational primary school with 400 children
- A students' home for students studying outside

Activities and Achievements (2003-2004)

Academic Attainments :

B.A. and B.Sc. (Honours) Courses :

Year	Percentage of success	First Class holders in Honours
2003	97.5	47 (Phy. 11, Chem. 19, Math. 6, Stat. 9, Eng. 1, Hist. 1)

H.S. Course :

Year	Percentage of success	1st Div.	2nd Div.	Position secured
2003	100%	146	3	1st, 4th, 4th, 5th, 6th, 9th, 4th, 15th, 16th, 16th, 19th, 19th, 19th.

I.I.T. and J.E.E. -2003

J.E.E.: 121 students were successful in Engineering and Medical streams.

I.I.T. : 16 students were successful in the Entrance Examination conducted by the I.I.T. in 2003

Social Service

Social Service camps are organised by the NSS Unit in rural areas where students and teachers work in collaboration with the local youth. On 13th November, 2003, 240 students and inmates donated blood at a Blood Donation Camp organised by the Voluntary Blood Donors Association, West Bengal.

Faculty news :

Dr. Pulak Gangopadhyay of the Dept. of Chemistry successfully completed his postdoctoral assignment at the University of Alberta, Canada.

Assessment by NAAC

Ramkrishna Mission Residential College has been rated 'A' by UGC's National Assessment and Accrediation Council having scored 87 out of a maximum score of 100.

10.14 MAULANA ABUL KALAM AZAD INSTITUTE OF ASIAN STUDIES

567, Dimond Harbour Road,(2nd & 3rd Floors)
Behala, Kolkata-700 034
Phone : (033) 468-1396, Telefax : (033)2468-4634, E-mail : makaias@vsnl.net

The Maulana Abul Kalam Azad Institute of Asian Studies is a centre for research and learning with focus on (a) social, cultural, economic and political/administrative developments in Asia from the middle of the 19th century onwards with special emphasis on their links with India, and on (b) the life and

works of Maulana Abul Kalam Azad. Till date, the emphasis had been on specialising on modern and contemporary affairs in South Asia, Central Asia and West Asia, and carrying on area studies on the five Central Asian Republics of the former Soviet Union (i.e. Uzbekistan, Turkmenistan, Tajikistan, Kazakhstan and Kyrgyzstan), Turkey, Iran, Afghanistan and Bangladesh.

Research Activities of the Institute's Scholars during the period under report.

The following research projects have been completed :

Sl. No.	Scholars	Title of the Project
1.	Dr. S. P. De	Illegal Migrations from Bangladesh to the North-Eastern States of India.
2.	Dr. Buddhadeb Ghosh	An Investigation into Cross Border Migration of Minorities from Bangladesh into India 2001-2002
3.	Shri D. R. Goyal	Biographical Study of Maulana Husain Ahmad Madni
4.	Dr. N. Debendra Singh	Survey and documentation of Meitei Manuscripts in Manipur

Research Programmes on the North-East Region of India

The following research programmes have been completed :

Sl.No.	Scholars	Title of the Project
1.	Dr. Chongtham Budhi Singh Manipur University	Antiquities of the people of Manipur
2.	Shri Kenilo Kath, Nagaland	Traditional Religion and impact of Christianity among Rengma Nagas: From pre-British time to 1971
3.	Ms Pushpanjoli Deori, Nagaland	Land, Forest and Colonial State in the Naga Hills : 1881-1947
4.	Shri Troilukya Gogoi, Dibrugarh University	Impact of Bengali immigrants on Regionalisation of Politics in Assam.
5.	Shri A. Nshoga, Nagaland University	Traditional Naga Village System and its Transformation : History Study

SEMINARS/FIELD VISITS/LECTURES/WORKSHOPS

1.. The website of the Institute (www.makaias.org.) was launched on 18th April 2003 by His Excellency Shri Viren J. Shah, Governor of West Bengal and President of Society of the Institute, in a function held at Raj Bhavan, Kolkata.

2. A one-day Seminar on the theme "Collection of Old Manipuri Manuscripts from Private Custodians and their Response" was organised by Manipur State Kala Academy at Imphal on 23rd July 2003, under the sponsorship of this Institute, which was inaugurated by Dr. M. Nara Singh, Minister for Art & Culture, Govt. of Manipur and Vice-Chairman of the Academy.

3. Prof. Mahavir Singh, Director of the Institute, along with Prof. Devendra Kaushik and Prof. V. P. Dutt, participated in an International Seminar at Beijing, China, on 17- 18 September 2003 on the theme "Sino- Indian Relations and Asian Security" which was jointly organised by MAKAIAS and China Center for Contemporary World Studies, Beijing. The Seminar was a very successful exercise.

4. On the occasion of International Tourism Day, a Seminar on "Sustainable Growth of Eco-Tourism in North- East India" was organised by Tezpur University on 26 -27 September 2003, under the auspices of the Institute, which was inaugurated by the Vice-Chancellor of Tezpur University.

5. A Commemorative Meeting dedicated to the Renowned Russian Indologist and Journalist Leonid Mitrokhin was held at the Russian Centre of Science & Culture, New Delhi, on 10th October 2003, under the auspices of this Institute in collaboration with Delhi Alumni Association of Soviet/ Russian Academic Institutions and Russian Centre of Science & Culture.

6. A 3-day National Seminar on "Migration in India and its Impact on Tribal Societies" was held at Tellicherry, Kerala, during 27-28 October 2003, in collaboration with Institute for Research in Social Sciences and Humanities, Kerala.

7. A Seminar on the theme "Prospects of Economic Development in Teesta Eco-Region" was organised by the Sikkim Development Foundation at Gangtok, Sikkim, in collaboration with this Institute on 4th November 2003, in which papers were presented.

8. A National Seminar on "Indian Nationalism : Re-examination of its Concept and Relevance in the present Context" was organised by MAKAIAS at Kolkata on 11-12 November 2003, on the 115th birth anniversary of Maulana Abul Kalam Azad.

PUBLICATIONS

The Institute has been actively continuing its publication programme. The following publications have come out during the period under report :

Books

1. Asia Annual -2003 (Edited by Mahavir Singh) (Annual Journal of the Institute)
2. Hindi Primer on Maulana Abul Kalam Azad (Ed. K. C. Yadav)
3. Maulana Husain Ahmad Madni : A Biographical Study, by D. R. Goyal
4. "Cross Border Migration: Mizoram" (Ed. Sangkima)
5. "An Account of Illegal Migrations from Bangladesh to the North-Eastern States of India" by S. P. De.
6. "Home Away from Home : Internal Movement of People in Indian" (Ed. Mahavir Singh)
7. "Reopening of the Stillwell Road: Prospects and Problems" (Ed. D. Nath)
8. "The Cripps Mission, 22 March 1942 -11 April 1942 : An In-depth Study" by P. K Chattejree
9. "Indian Entrepreneurship : Its Past and Present" by Valentina Chemovskaya, International Institute of Economy and Law, Yaroslav, Russia: Visiting Fellow, MAKAIAS
10. "International Terrorism and Religious Extremism: Challenges to Central and South Asia. (Ed. Mahavir Singh) -Chinese version of the proceedings has also been brought out by Lanzhou University, P.R. of China -Publication of Russian version is in progress at Institute of African & Asian Studies, Russian Academy of Sciences at Moscow.
11. "The Nepalis in Assam : Ethnicity and Cross Border Movements in the North-East by Lopita Nath, Calcutta, Minerva Associates, 2003
12. "India's North-East and the Travails of Tripura" by Syamal Kumar Ray, Calcutta, Minerva Associates, 2003
13. "Nations, Minorities and States in Central Asia" by Ajay Patnaik
14. "Islamism and Travails of Democracy in Pakistan" by Oleg V. Pleshov, Delhi, Greenwich Millennium Press, 2004.

LIBRARY

The Library of this Institute has now acquired a total number of 5788 books and 630 journals. Collection of documents and data in microform is also in progress.

Construction of Institute's Campus at Salt Lake

The Govt. of India has already released Rs.30 lakhs during 2002-2003 and also sanctioned a sum of Rs.150 lakhs during the current financial year, for the construction of the Institute's building and the CPWD-Kolkata, has been entrusted with its construction work. The CPWD has submitted the revised preliminary estimates on account of slight modifications made in the architectural designs of the building. The CPWD is also taking steps for preparing detailed structural designs, getting the approval of the concerned Municipal authorities, floating of tenders etc.

10.15 CALCUTTA MATHEMATICAL SOCIETY

AE-374, Sector-I, Salt Lake City
Kolkata-700 064.
Phone : (91)(033) 2337-8882

The Calcutta Mathematical Society has ventured to extend the activities more effectively in the matter of development of teaching and research in Mathematics and Mathematical Sciences for which objectives the Society was established in 1908, with Sir Asutosh Mukerjee as founder President.

Major activities and achievements during 2003-2004 :

1) **Publication of Journals :** The Society has published all its four internationally recognized series of journals namely, "Bulletin of the Calcutta Mathematical Society"(bi-monthly), "Review Bulletin of the Calcutta Mathematical Society" (bi-annual), "News Bulletin of the Calcutta Mathematical Society"(monthly) and the new title, "Journal of the Calcutta Mathematical Society" for the year 2003.

2) **Library :** The Society has a rich library consisting of more than eight thousand(8000) books and nine thousand (9000) bound volumes of research journals in Mathematical literature. To preserve those valuable literature a fumigation unit out of the grant received from the Govt. of India has been installed in the Society. The Society has exchange relations with different institutions like Universities, Institutes, Learned Societies spread all over the world under "Journal Exchange Program". The library of the Society now receives 120 foreign journals from USA, UK, Japan, Yugoslavia, China, Korea, France, Australia, Germany, Spain, Czechoslovakia, Italy, Poland and Canada and 20 journals from different states of India through exchange of our publications. Moreover, it has reciprocity arrangements with many Societies and Institutes like American Mathematical Society, Cambridge Philosophical Society, London Mathematical Society, I.C.T.P. (Italy) etc. Society subscribes "Mathematical Reviews" of American Mathematical Society to meet the need of the research scholars and scientists. The Society renders reprographic service to the members of the society.

3) Reconstitution of the Executive Council for the year 2003-2004 was held in 2003 with Professor Dr.S.N.Ghosh as President and Professor Dr.M.R.Adhikari of Calcutta University as its Secretary and some Indian/Foreign members as Vice-Presidents.

Academic activities of the Calcutta Mathematical Society :

- **National seminar :** Society organized a 3-day National Seminar on Mathematical Sciences including Platinum Jubilee of Raman Effect & Modern Spectroscopy during 6-8 September 2003 to celebrate its 96th Foundation Day. More than one hundred Mathematician and Physicists from different states of India participated in this Seminar.

- One day Seminar on teaching postgraduate mathematics through open and distance learning program was organized by the Society in collaboration with Netaji Subhas Open University on 7th December 2003.

- **International Seminar :** Society organized an International Seminar on Recent Advances in Mathematics & its Application (ISRAMA 2003) during 20-22, December, 2003. One hundred and five (105) Indian Scientists and forty (40) odd scientists from U.K., USA, Germany, Italy, Canada,Greece, Japan, Turkey, Iran and Romania made the Symposium truly international. The aim of this Symposium was to provide an ideal forum for participating scientists from India and abroad to exchange ideas and for possible scientific collaboration in the recent developments in different areas of mathematics and their applications. This meeting helps in fostering friendship among the scientists of the participating countries. The program includes invited lectures by eminent researchers as well as contributed papers.

  These seminars were organized with the financial support from Govt. of India and Govt. of West Bengal (Higher Education Dept.).

- The Society organizes weekly lectures by the renowned mathematicians for the benefit of the researchers and students.

- Different awards and scholarships from school level to research level have been given during this period.

Academic training program :

Society organizes different academic programs throughout the year to motivate the students to higher education in mathematics and mathematical sciences.

- **Research Project :** A research project entitled "Some non-deterministic aspect of Functional Analysis Theory and Applications" sponsored by the Dept. of Atomic Energy, Govt. of India is being carried out.

- **Photo Gallery of World Scientists :** The Society develops a Photo Gallery consisting of more than 150 world scientists with the financial support from the Govt. of India. The Society is going to complete its own building (Asutosh Bhavan) as its campus, AE-374, Sector-I, Salt Lake City, Kolkata-700064.

APPENDICES

APPENDIX - I (A)	:	**Subject Code**
APPENDIX - I (B)	:	**Colleges and Subjects**
APPENDIX - I(C)	:	**Selected Educational Statistics (MHRD)**
APPENDIX – II	:	**Decadal Growth of Colleges Since 1811** (Excluding Technology Colleges)
APPENDIX - III	:	**U. G. C. List of Fake Universities**
APPENDIX - IV	:	**U. G. C. List of Vocational Subjects**

APPENDIX – I (A)

SUBJECT CODE

SUBJECT	CODE
ELECTIVE LANGUAGE GROUP (L)	
Bengali	B
English	E
Sanskrit	S
Hindi	Hin
Nepali	N
Tibetan	T
Arabic	Ar
Urdu	Ur
Persian	Per
Alternative Bengali	Alt. Beng
French	Fr
ELECTIVE SCIENCE GROUP (SC)	
Physics	Ph
Chemistry	Ch
Mathematics	M
Zoology	Zoo
Botany	Bot
Economics	Ec
Anthropology	Anthro
Statistics	Stat
Computer Science	Comp.Sc
Electronics	Elect
Geology	Geol
Geography	G
Plant Protection	Plt.Prot
Industrial Chemistry	Ind.Chem
Psychology	Psy
Physiology	Phy
Molecular Biology	M.Bio
Chem(A)	Chem(A)
Bio-Physics	Bio.Phy
Bio-Chemistry	Bio.Chem
Defence Studies	Def.Stud
Nutrition	Nut

SUBJECT	CODE
ELECTIVE HUMANITIES GROUP (HU)	
History	H
Pol. Science	Ps
Philosophy	Phil
Education	Edn
Sociology	Soc
Music	Music
Film Studies	F. Stud
Journalism	Jour
Physical Education	Ph. Edn
Islamic History & Culture	I.H.C.
COMMERCE GROUP (COM)	
Accountancy	A/c
VOCATIONAL SUBJECTS (VOC)	
Functional Hindi	F.Hin
Office Management & Secretarial Practice	Off Mgt.& Prac
Tax Procedure & Practice	Tax. Prac
Communicative English	Comm. Eng
Clinical Nutrition & Dietics	Cl. Nut
Industrial Chemistry	Ind. Chem
Micro-Biology	Mi.Bio
Computer Education/Application	Comp. App
Sericulture	Ser
Tourism & Travel Management	Tour-Tra
Information Technology	I.T.
Communication/Instrument	Commu/Instru
Agro-Service	AG
Industrial fish & fisehries	Ind.fish
Advertisement Sales Promotion & Sales Management	Ad. Sale
Seed Technology	Se. tech
Archaeology and Museology	Arch.M
Environment & Water Management	Env. & W. Mngt
Engineering	Engg
Post Graduate	PG

APPENDIX - I (B)

COLLEGES AND SUBJECTS

COLLEGES IN KOLKATA (CU)

Sl. No.	Name of the College	Arts		Science		Commerce		Other courses	Hostel
		General	Honours	Gen.	Hons.	Gen	Hons.		
1.	Acharyya Jagadish Chandra Bose College(1968) 1/1B, A.J.C.Bose Road, Kolkata-700 020 Ph. 2282-5181	B,E,H		Ph,Ch, M,Zoo, Bot, Phy	Ph,M, Ch	All Com. Sub	A/c		
2.	Ananda Mohan College(1961) 102/1,Raja Rammohan Sarani, Kolkata-9 Ph. 2352-7327 2360-5767	B,E,.S, Hin, H Ps,Phil	B,E,S, H.Phil, Ps, Soc	Ph,Ec, Ch.,M., Zoo, Bot, Phy	Ph,M, Zoo, Ch, Ec, Phy	All Com. Sub	A/c		
3.	Asutosh College (1916) 92, Shymaprasad Mukherjee Road Kolkata-700 026 Ph. 2455-4504/2371	B, E., S, Hin, H., Phil, Ps, Soc.	B, E.,S, H, Phil, Ps, Soc,	Ph, M, Ch,Ec, Zoo, G,Bot., Stat., Comp. Sc., M.Bio Psy, Geo.	Ph,M, Ch.,G., Ec., Zoo, Bot., Stat., Comp. Sc., M.Bio Bio, Chem, Psy, Geo.			PG in Zoo. IFF.	2(B)

Sl. No.	Name of the College	Arts		Science		Commerce		Other courses	Hostel
		General	Honours	Gen.	Hons.	Gen	Hons.		
4.	Bangabasi College (1887) 19, R. K. C. Sarani Kolkata-700 009 Ph. 2350-0273 2360-5995	B,E.,S, Hin,Ps, Phil,H	B,E.,S, H,Phil, Ps	Ph,M, G,Ch, Ec, Zoo, Bot, Comp Sc., Anthro	Ph,M, Ch,G, Zoo, Bot, Anthr Ec, Comp. Sc.	All Com. Sub	A/c		
5.	Bangabasi College of Commerce (1964) 19, R. K. C. Sarani, Kolkata-700 009 Ph. 2351-0304 2350-9210	B,E, Hin.	B,E. Hin.	Ec, M	M,Ec	All Com Sub	A/c		
6.	Bangabasi Morning College (1965) 19, R. K. C. Sarani Kolkata-700 009 Ph. 2350-9210	B,E,Hin, Ur, H, Phil, Ps.	B,E,Ps	Ec, Ph, Ch,M Zoo, Bot, Comp. Sc. Anthro	M, Comp. Sc.	All Com Sub	A/c		
7.	Bangabasi Evening College (1964) 19, R. K. C. Sarani Kolkata-700 009 Ph. 2351-0304 2350-9210	B,E,S, Hin,H, Ps,Phil	B,E,H, Ps	Ph,Ch, M,Zoo, Bot,Ec Anthro	M,Ec,				
8.	Basanti Devi College (1959) 147B, R. B. Avenue, Kolkata-700 029 Ph. 2464-1012 2463-0845	B,E,S,H, Phil, Ps, Edn.	B,E,S,H, Phil,Ps, Edn	Ec,Ph, Ch,M, Stat	Ec,M, Ph				

APPENDIX

Sl. No.	Name of the College	Arts		Science		Commerce		Other Courses	Hostel
		General	Honours	Gen.	Hons.	Gen	Hons.		
9.	Bethune College (1879) 181, Bidhan Sarani Kolkata-700 006 Ph. 2241-1731	B,E,S,Ps. Phil,H.	B,E,S,H, Ps,Phil	Ph,Ch, M,Zoo, Bot,Ec	Ph,Ec, Ch,M, Zoo, Bot,				
10.	Bhawanipur Education Society College (1966) 5, Lala Lajpat Rai Sarani, Kolkata-700 020 Ph. 2280-5701/5702/ 3281	B,E,Hin, Ur,H, Ps, Phil, Edn	E,H,Ps, Phil, Edn	Ph,Ch, M,Stat, Ec,Bot, Zoo, Elect, Comp Sc.	Ph, Ch, M,Ec, Zoo, Bot	All Com Sub	A/c	Comp Mgnt	
11.	Calcutta Girls' College(1964) 169,Lenin Sarani, Kolkata-700 013 Ph. 2245-0414	B,E,Ur, H,Hin, Ps, Edn, Ec	E,Hin, Ur, H	Ec,		All Com Sub	A/c		
12.	Charuchandra College(1947) 22,Lake Road, Kolkata-700 029 Ph. 2466-3771	B,E,H, Ps,Hin, Phil., Edn	B,E,Ps	Ec.,Ph, Ch,M, Zoo, Bot	Ec,M, Ph, Ch, Zoo, Bot	All Com Sub	A/c		
13.	Charuchandra Evening College (1985) 80, R.K. Ghosal Road, Kolkata-42 Ph. 2441-1710	B,E,Hin, H,Phil, Ps,Ec	B			All Com Sub	A/c		
14.	Chittaranjan College(1967) 8A, Beniatola Lane, Kolkata-700 009 Ph. 2241-4547/4570	B,E,Hin, H,Ps, Phil,Edn		Ec		All Com Sub	A/c		

Sl. No.	Name of the College	Arts		Science		Commerce		Other courses	Hostel
		General	Honours	Gen.	Hons.	Gen	Hons.		
15.	City College(1884) 102/1, Raja Rammohan Sarani, Kolkata-700 009 Ph. 2350-1565/6505	B,E,S, H,Ps, Phil.	B,E,S, H,Phil, Ps.	Ph,M, Ch,Ec, Zoo, Bot,Phy	Ph,M, Ch,Ec, Zoo, Bot, Phy.	All Com Sub	A/c		
16.	City College of Commerce(1961) 13, Surya Sen Street, Kolkata-700 012 Ph.2241-1065					All Com Sub	A/c		
17.	Deshbandhu College for Girls 45/C, R. B. Avenue, Kolkata-700 026 Ph. 2464-0349 2463-0349	B,E,S, H,Phil, Ps,Edn.	B,E,H, Edn.	Ec,G, M.	G,Ec	All Com Sub			
18.	Goenka College of Commerce (1860) 210, B.B. Ganguly St, Kolkata-700 012 Ph. 2241-2216					All Com Sub	A/c		
19.	Gokhale Memorial Girls' College(1938) 1/1, Harish Mukherjee Road, Kolkata-700 020 Ph. 2223-8287 2223-2351	B,E,S, Hin,H, Phil,Ps, Edn.	B,E,S, Hin,Ps, Edn,Phil	G,M, Ec,Ph, Ch, Psy, Elect	G,Ec, Psy, M, Elect.			Ad. Sale Cl.Nut Comm Eng,	
20.	Gurudas College (1956) Narkeldanga, Kolkata-700 054 Ph. 2350-3841 2353-6653	B,E,S,H, Ps,Phil	B,E,H, Ps	Ph,Ch, M,Zoo, Bot,Ec, Comp, Sc, Mi,Bio	Ph,M, Ch,Zoo, Bot,Ec, Mi,Bio, Comp, Sc.	All Com Sub			

Sl. No.	Name of the College	Arts		Science		Commerce		Other courses	Hostel
		General	Honours	Gen.	Hons.	Gen	Hons.		
21.	Gurudas College of Commerce(1968) Murari Pukur (Ultadanga) Kolkata-700 067 Ph. 2356-1998					All Com. Sub	A/c		1
22.	Heramba Chandra College(1961) 23/49, Gariahat Road, Kolkata-700 029 Ph.2440-6689	B,E,H, Ps,Edn	B,E,H, Ps	Ec,G, Bot, Phy	Ec,	All Com. Sub	A/c		
23.	Harimohan Ghosh College(1963) J-206 & 208A, Paharpur Road, Garden Reach, Kolkata-700 024 Ph.2469-3641	B,E,H, Ur,Ps, Edn	B,E,H, Ps	Ec,Ph, Ch,M, Bot, Phy	Ec,M, Phy	All Com. Sub	A/c		
24.	Jogmaya Devi College(1958) 92, S.P. Mukherjee Road, Kolkata-700 026 Ph.2455-5243	B,E,S, Hin,H, Ps,Phil, Soc	B,E,S,H, Ps,Phil	Ph,Ch, M,Ec, G,Zoo, Geo, Bot	Ph,Ch, M,Bot, Zoo,G, Ec, Geo, Phy	All Com. Sub			
25.	Jogesh Chandra Chaudhuri College (1965) 30, Prince Anwar Shah Road, Kolkata-700 033 Ph.2417-4622/3042	B,E,H, Hin,Ps, Phil, Edn, Soc	B,E,Hin, Ps,H, Edn	Ec,Ph, Ch,M, Comp Sc,G, Elect, Bot, Zoo, Phy	Ph,M, Ch, Ec, Comp Sc, Elect	All Com. Sub	A/c		

Sl. No.	Name of the College	Arts		Science		Commerce		Other courses	Hostel
		General	Honours	Gen.	Hons.	Gen	Hons.		
26.	Khudiram Bose Central College(1956) 71/2, Bidhan Sarani, Kolkata-700 00m6 Ph 2555-7102	B,E,H, Hin,Ps,	B,E,H,			All Com. Sub	A/c		
27.	Kidderpore College (1966) 2 & 3, Pitambar Sarkar Lane, Kolkata-700 023 Ph.2459-7790/7900	Is,H, Jour, Per	B,Ur,Hin, E,Ps,H, Phil, Edn	M	Ec	All Com. Sub	A/c		
28.	Loreto House College(1912) 7, Middletone Row, Kolkata-700 071 Ph.2229-6030	B,E,H, Hin,Ps, Edn	E,H,Ps, Edn,	G,Ec, Psy	G			Comm. Eng	1(G)
29.	Lady Brabourne College(1939) P1/2,Suhrawardy Ave, Kolkata-700 017 Ph. 2244-8120	B,E,S,Ur, Hin,Per, H,Ps,Phil, Soc	B,E,S,Ur, Per,H, Ps, Phil, Soc	Ph,Ch, M,Bot, Zoo,G, Ec	Ph,M, Ch,G, Bot, Zoo, Ec,				1(G)
30.	Maulana Azad College(1926) 8, R. A. Kidwai Road, Kolkata-700 013 Ph.2244-3737	B,E,S,Ur, Ar,Per,H, Ps,Phil	B,E,S,Ur, Ar,Per,H, Ps, I.H.C.	Ph,Ch, M,Zoo, Stat,Ec	Ph, Stat, Ch,M, Zoo, Ec			Def. Stud, PG (Zoo)	1(B)
31.	Maharaja Manindra Chandra College(1941) 20, Ramkanto Bose Street, Kolkata-700 003 Ph. 2555-4562	B,E,H, Ps,Phil, Jour	B,E,H, Ps,Phil	Ec,M, Ph,Ch, Stat, Elect, Comp, Sc.	Ec,M, Ph, Ch, Comp Sc	All Com. Sub	A/c	Comp. App.	

Sl. No.	Name of the College	Arts		Science		Commerce		Other courses	Hostel
		General	Honours	Gen.	Hons.	Gen	Hons.		
32.	Maharaja Sris Chandra College(1964) 20, Ramkanto Bose Street, Kolkata-700 003 Ph.2555-5810	B,E,H, Hin,Ps, Edn,Ec	B,E,Hin, H,Ps			All Com. Sub	A/c	Off Sec, Prac	
33.	Maharani Kashiswari College(1964) 20, Ramkanto Bose Street, Kolkata-700 003 Ph.2555-6325 2530-2008	B,E,S,H, Ps,Phil, Edn,Soc	B,E,S,H, Ps,Phil, Edn,Soc	Ec,Stat, M,Ph, Comp Sc, F & Nut	Ec			TTM	1(G)
34.	Milli Al-Ameen College (2000) 43, Hare Krishna Konar Road, Kolkata-700 014 Ph.2284-5637/4818	B,E,Ur, Ps,Edn, IHC	E,Ur,Ps						
35.	Muralidhar Girls' College(1940) P-411/14, Gariahat Road, Kolkata-700 029 Ph.2464-1312/4371	B,E,S,H, Phil,Ps, Edn,Soc, Jour	B,E,S,H, Phil,Ps, Edn,Jour,	M,Ec, G,Bot, Psy	Ec,G, Psy			TTM	
36.	Netajinagar College (1967) 170/436, N.S.C.Bose Road,Regent Estate, Kolkata-700 092. Ph.2411-5445	B,E,Ps, H,Jour	B,E,H, Jour,	G,Ec	G	All Com. Sub	A/c		

Sl. No.	Name of the College	Arts		Science		Commerce		Other courses	Hostel
		General	Honours	Gen.	Hons.	Gen	Hons.		
37.	Netajinagar Day College(1986) 170/436, N.S.C.Bose Road,Regent Estate, Kolkata-700 092 Ph. 2411 5301	B,E,Ps, H,Phil, Edn	B,E,H, Ps	Ph,Ch, M,Bot, Zoo,Ec, Phy,G, Comp Sc,Elect	Ph,Ec, Ch,M, Bot,G, Comp Sc	All Com Sub	A/c		
38.	Netajinagar College for Women(1986) 170/13/1, N.S.C.Bose Road,Regent Estate, Kolkata-700 092 Ph.2411-6711	B,E,H, Phil,Ps, Edn, Film, Std	Edn,H	Ph,M, Ch,Zoo, Bot,Ec, Phy	Zoo, Ec, Phy				
39.	New Alipore College (1963) L-Block,New Alipore Kolkata-700 053 Ph.2478-0224 2445-2131	B,E,S,H, Phil,Ps	B,E,H,Ps, Phil	Ph,M, Ch,Zoo, Bot,Ec, Stat, Comp Sc	Ph,M, Ch, Ec	All Com. Sub	A/c		
40.	Presidency College (1817) 86/1, College Street, Kolkata-700 073 Ph.2241-1960	B,E,H, Hin,Ps, Phil, Soc	B,E,Hin, H,Ps, Phil,Soc	Ph,Ch, M,Bot, Zoo,G, Phy,Ec, Stat Geo	Ph,G, M,Ch, Bot, Ec, Zoo, Phy, Stat, Geo			M,Bio Chem (A) PG in Bot,G, PH,Ch, Geo, Zoo, Phy, Appld Ec, Hin	1(B) 1(G)
41.	Prafulla Chandra College (1946) (Evening) 23/49, Gariahat Road, Kolkata-700 029 Ph.2461-2689/1236 2460-2160	B,H,E, Ps	E,B,H, Ps	Ec,M, Geo	G	All Com. Sub	A/c	Mkt	

Sl. No.	Name of the College	Arts		Science		Commerce		Other courses	Hostel
		General	Honours	Gen.	Hons.	Gen	Hons.		
42.	Rammohan College (1961) 102/1, Raja Rammohan Sarani, Kolkata-700 009 Ph.2350-5687	B,E,S, Hin,H, Phil,Ps, Edn	B,E,S,H, Phil,Ps, Edn	G,Ch, M,Ph, Zoo,Ec, Bot, Phy,	G,Ch, M,Ph, Zoo, Ec,Bot, Phy,	All Com. Sub	A/c		1(G)
43.	Rani Birla Girls' College (1961) 381, Shakespeare Sarani, Kolkata-700 017	B,E,H, Hin,Ps, Phil, Edn, Soc	E,Ps,Edn H	G,Ec	Ec				
	Ph.2247-5509								
44.	Savitri Girls' College (1972) 13, Muktaram Babu Street, Kolkata-700 077 Ph.2269-4240 2273-8284	B,E,H, Hin,Ps, Phil,Ec Edn, H.Devp	E, Hin,H, Edn			All Com. Sub	A/c		
45.	Scottish Chruch College(1830) 1&3, Urquhart Square, Kolkata-700 006 Ph.2350-3862	B,E,S,H, Ps,Phil, Soc,Hin, Ph,Edn	B,E,S,H, Ps,Phil	Ph,Ch, M,Zoo, Bot,Ec, Stat, Comp. Sc	Ph,M, Ch,Ec, Zoo, Bot,			Food Sc, & Q. Control	3(B) 2(G)
46.	Seth Anandaram Jaipuria College (1945), 10, Raja Nabakrishna Street, Kolkata-700 005 Ph. 2555-4117/3647	B,E,H, Hin,Ps, Phil	B,E,Hin, H,Ps, Phil	M,Ph, Ch,Bot, Zoo,Ec, Comp Sc, Elect	Ph,Ec, Ch,M	All Com. Sub	A/c	Funct Hin, Off Mgt, Tax Prac & Tax Proct	

Sl. No.	Name of the College	Arts		Science		Commerce		Other courses	Hostel
		General	Honours	Gen.	Hons.	Gen	Hons.		
47.	Seth Soorajmull Jalan Girl's College (1954) 8-9, Bankim Chatterjee Street, Kolkata-700 073 Ph.2241-5256 2219-6947	B,E,H, Hin, Phil,Ps, Edn	E,Hin, Phil,Ps	G,Ec		All Com. Sub	A/c		
48.	Sivanath Sastri College(1955) 23/49, Gariahat Road, Kolkata-700 029 Ph.2440-6689	B,E,S,H, Ps,Phil, Edn	B,E,S,H, Ps,Phil, Edn	Bot,Ec, G	G	All Com. Sub	A/c		
49.	South Calcutta Girls' College (1932) 72, Sarat Bose Road, Kokatal-700 025 Ph.2475-3785 2454-2263	B,E,S,H, Phil,Ps, Jour,Edn	B,E,H, Phil,Ps, Edn	G,Ec, M,Zoo, Bot, Phy	G,Ec Jour, Bot				1(G)
50.	Shri Shikshayatan College (1955) 11, Lord Shina Road, Kolkata-700 071 Ph. 2282-6033/7296	B,E,H, Hin,Ps, Edn, Phil,Ur	B,E,Hin, H,Edn, Ps,	Bot,M, G,Ec, Ph,Ch, Zoo	Ec Bot,G	All Com. Sub	A/c	B,Ed	
51.	Sanskrit College (Govt.), (1824) 1, Bankim Chatterjee Street, Kolkata-700 073 Ph.2241-3611	B,E,S, Ling,.H, Ps,Phil, Soc,Ec, Anthro	B,E,S, Ling,H, Ps,Phil, Soc, Anthro						

Sl. No.	Name of the College	Arts		Science		Commerce		Other courses	Hostel
		General	Honours	Gen.	Hons.	Gen	Hons.		
52.	St. Paul's Cathedral Mission College (1860), 33/1 Raja Ram Mohan Sarani, Kolkata-700 009 Ph.2350-3682 2360-0753	B,E,H, Phil, Ps,Soc	B,E,H, Phil, Ps	Ph,M, Ch,Ec, Zoo,	Ch,M, Ph,Ec				1(B)
53.	St. Xavier's College (1860) 30, Park Street Kolkata-700 016 Ph.2247-7278/9966	B,E,H, Hin,Ps, Soc,Film Stud Jour	E,Ps, Soc	Ph,M, Ch,Stat, Ec, Mi. Bio	Ph,M, Ch, Ec, Stat	All Com. Sub	A/c	Mass Comm Video Graphy	2(B)
54.	Surendranath College(1884) 24/2 M. G. Road Kolkata-700 009 Ph.2350- 2864 2354-3876	B,E,S, Hin,Ur, Phil, Ps,H	B,E,S,Ps, Phil,H	Ec,Ph, Ch,M, Phy, Zoo, Bot, Stat, Comp. Sc, Mol.Bio	Ec,Ph, Ch,M, Bot,G, Zoo, Phy, Comp. Sc, Mi.Bio, Psy, Stat	All Com. Sub	A/c		
55.	Surendranath College for Women (1948) 24, M. G. Road Kolkata-700 009, Ph.2350-2389	B,E,S,H, Phil,Ps, Edn	B,E,S,H, Phil,Ps, Edn	G,Ec,	G,Ec	All Com. Sub	A/c	Comm Engg	
56.	Surendranath Evening College (1961) 24/2, M. G. Road, Kolkata-700 009, Ph.2350-9011	B,E,S,H, Phil,Ps Ur,Hin	B	Ph,M, Ch, Elect, Comp. Sc,Ec	Elect	All Com. Sub	A/c	EEM	

Sl. No.	Name of the College	Arts		Science		Commerce		Other courses	Hostel
		General	Honours	Gen.	Hons.	Gen	Hons.		
57.	Syamaprasad College (1916) 92, Shyamaprasad Mukherjee Road, Kolkata-700 026 Ph.2455-1738/7671	B,E,S,Fr, H,Hin, Ps,Phil, Edn	B,E,Edn	M,Ph., Geo,Ec, Stat, Comp Sc., Elect	G,Ec Comp Sc	All Com. Sub	A/c	Comp App	
58.	Umesh Chandra College (1841) 13, Surya Sen Street, Kolkata-700 012 Ph.2241-1065					All Com. Sub	A/c	Off Mgt. & Prac	
59.	Victoria Institution (1932), 78/B, Acharya Prafulla Chandra Road, Kolkata-700 009 Ph.2360-0046 2350-1959	B,E,S,Ur, H,Ps,Phil	B,E,S,H, Ps,Phil, Ur	Ph,Ch, M,Ec, G,Zoo, Bot	M,Ec, Zoo, G, Bot,				1(G)
60.	Vidyasagar College (1859) 39, Sankar Ghosh Lane, Kolkata-700 006 Ph.2241-3018/4447	B,E,H, Hin,S, Ps,Phil	B,E,Ps, S,H, Phil	Ph,Ch., M,G,Ec, Elect, Zoo, Bot, Phy, Stat	Ph,M, G,Ch, Zoo Bot, Rc, Phy				
61.	Vidyasagar College for Women (1960) 39, Sankar Ghosh Lane, Kolkata-700 006 Ph.2241-8887	B,E,S,H, Ps,Phil	B,E,S,H, Ps,Phil	M,Ph, Ch,Zoo, Bot.Ec, Geo, Phy, Elect	M,Ph, Ch, Ec, Zoo, Bot, Geo, Phy				

APPENDIX

Sl. No.	Name of the College	Arts		Science		Commerce		Other courses	Hostel
		General	Honours	Gen.	Hons.	Gen	Hons.		
62.	Vidyasagar Evening College, (1961) 39, Sankar Ghosh Lane Kolkata-700 006 Ph.2241-9508/9505	B,E,Hin, H,Ps,Soc	B,E,H, Ps	Ph,Ch, M,G, Stat	Ph,G, Ch,M	All Com. Sub	A/c		
63.	Vijaygarh Jyotish Roy College, (1950) Bejoygarh, Kolkata-700 032 Ph. 2412-4082	B,E,H,Ps, Phil.Edn	B,E,H,Ps, Phil,Edn Ph,Edn.	Ph,Ch, Zoo,Ec, Bot,M, Mi,Bio	Ph, Ch,Ec, Zoo, Bot, Mi.Bio	All Com. Sub	A/c		
64.	Women's Christian College (1945) 6, Greek Church Row, Kolkata-700 026 Ph.2464-3341	B,E,S,H, Phil,Ps	B,E,S,H, Phil, Ps	G,Ec,M	G,Ec				1(G)
65.	East Calcutta Girl's College, (1992) P-237, Block-B, Lake Town, Kolkata-700 089 Ph.2534-8039	B,E,H, Ps,Phil, Edn, Jour, Soc	B,E,H, Ps,Phil, Soc, Edn	Ph,Ch, M,Bot, Zoo, Geo	Zoo, Ec, Geo	All Com. Sub	A/c		
66.	Women's College P-29, Khirode Vidyavinode Avenue, Kolkata-700 003 Ph.2554-4540	B,E,S,H, Phil,Ps, Edn,Ec, Music	B,E,S,H, Phil,Ps, Edn						
67.	Beharilal College of Home & Social Science, Alipore	Data not received							

SOUTH 24 PARGANAS (CU)

Sl. No.	Name of the College	Arts		Science		Commerce		Other courses	Hostel
		General	Honours	Gen.	Hons.	Gen	Hons.		
1.	Bankim Sardar College (1955) P.O. Tangrakhali Pin-743 329 Ph.953218 255263	B,E,S,H, Ps,Phil	B,H,Ps	Ec,Ph, Ch,M, Bot, Zoo	Ph, Ch, Bot, Zoo	All Com Sub	A/c		2(B)
2.	Baruipur College (1981) P.O. Purandarpur Math Pin-743610 Ph.2433-9566	B,E,H, Edn,Ps, Phil, Jour	B,E,H,Ps, Edn, Phil	G,M		All Com Sub	A/c		
3.	Behala College (1963) Parnasree, Kolkata-700 060 Ph. 2451-5353	B,E,S,H, Ps	B,E,H,Ps	Ph,Ch, M,Zoo, Ec,Stat, Elect, Bot,Def. Stud. Comp Sc	Ch,M, Ph,Ec, Zoo			IFF	
4.	Behala College of Commerce (1967) Parnasree, Behala Kolkata-700 060 Ph. 2451-5354/6451	B,E,S,H, Ps,Phil	B,E,H, Ps			All Com Sub	A/c		
5.	Budge Budge College (1971) 7, Deshbandhu Chittaranjan Road, Budge Budge-743 319 Ph.2470-1454/5168	B,E,H,Ps, Phil,Edn	B,E,H,Ps, Edn,Phil	G,Bot, Ph,Ch, M, Ec,Zoo	G, Zoo Bot.	All Com Sub	A/c		

Sl. No.	Name of the College	Arts		Science		Commerce		Other courses	Hostel
		General	Honours	Gen.	Hons.	Gen	Hons.		
6.	Bhangar Mahavidy-alaya (1997) P.O. Bhangar Pin-743 502 Ph.953218-270460	B,E,H,Ps, Phil,Edn	B	Ec.G,M	G	All Com Sub	A/c		
7.	Bijoygarh Jyotish Roy College 8/2,Bijoygarh,Jadavpur Kolkata-700 032 Ph.2412-4082	B,E,H, Phil,Ps, Ed, Jour	B,E,H, Phil,Ps Edn,	Ph,Ch, Zoo, Bot,M, M,Bio Phy	Ph,Ch, Zoo, Bot,M, Bio	All Com Sub	A/c		
8.	Dhruba Chand Halder College (1965), P.O. Dakshin Barasat Pin-743372 Ph.953218-222550	B,E,S,H, Ps,Phil, Ph.Edn	B,E,H, Ps, Phil	G,Ec, Ph,M, Ch.Zoo, Bot, Mi.Bio. Comp. Sc.	G,M, Mi.Bio, Ec	All Com Sub	A/c		1(B)
9.	Dinabandhu Andrews College, (1956) 54, S.C. Mallick Road P.O. Garia, Kolkata-700 084 Ph.2430-4377	B,E,S,H, Ps,Phil,	B,E,H	Ec,Ph. M,Ch, Zoo, Bot, Mol, Bio	Ec,M, Ph,Ch, Zoo, Bot, Mi.Bio	All Com Sub	A/c	PG (Zoo)	
10.	Fakir Chand College (1948) P.O. F.C.College Diamond Harbour Pin- 743331 Ph.953174-255230	B,E,S,H, Ps,Phil, Edn	B,E,H,Ps, Phil,Edn	Ph.Ch, M,Ec, Zoo,G, Bot, Comp Sc	Ph, Ch,M, Ec, G	All Com Sub	A/c	B.Ed	
11.	Gour Mohan Sachin Mondal Maha-vidyalaya, (1969) P.O. Bireswarpur Ph.753174-277355	B,E,S,H, Ps,Phil, Edn	B,E,H,Ps, Phil,Edn, G	Ph. Ch,M, G		All Com Sub	A/c		1(B)

Sl. No.	Name of the College	Arts		Science		Commerce		Other courses	Hostel
		General	Honours	Gen.	Hons.	Gen	Hons.		
12.	K.K.Das College (1964) P.O. Garia, Kolkata-700 084 Ph.2430-5398	B,E,Soc, Edn	B,E	Ec,M, Stat,	Ec,M	All Com Sub	A/c		
13.	Kishore Bharati Bhagini Nivedita Girls' College(2001) 148, Ramkrishna Sarani, Behala, Kolkata-700 060 Ph.2404-0091	B,E,H,Ps, Phil,Edn,	B,H,G, Ps, Phil						
14.	Mograhat College (1996) Magrahat -743335 Ph. 953174-252630	B,E,H,Ps, Edn,G	B,H						
15.	Maheshtala College (1971) P.O. Chandannagar (via-Maheshtala), Pin- 743 352 Ph.2490-1502/8350	B,E,S,H, Ps,Phil, Edn	B,E,H, Ps,Phil	Ph,Ch, M,Ec,G, Comp Sc.	G	All Com Sub	A/c		
16.	Patharpratima Mahavidyalaya (2001), - Patharpratima-743371 Ph.953210-267602	B,E,H,Ps, Phil,G, Edn	B,E,H,G Ps,Phil	M		All Com Sub	A/c		
17.	Ramkrishna Mission Residential College (1960), P.O. Narendrapur, Kolkata-100 003 Ph.2477-2205	B,E,S, Hin,Ps,H, Phil	E,H	Ph,M, Ch,Stat, Ec,Zoo	Ph,M, Ch, Ec, Stat,m Comp Sc				3(B)
18.	Raidighi College (1995) P.O. Raidighi, Pin- 743 383 Ph.953174-270761	B,E,H, Edn,Ps	B,H,Edn	Ph,Ch, M,G	G				

Sl. No.	Name of the College	Arts		Science		Commerce		Other courses	Hostel
		General	Honours	Gen.	Hons.	Gen	Hons.		
19.	Sammilani Mahavidyalaya, (1996) Baghajatin Station E.M.By-Pass, Pin-700 075 Ph. 2462-6869/7656	B,E,S,H, Ps,Phil, Edn	B,E,H	Ph,Ch, M,Zoo, Comp, Sc.,G, Mi.Bio Mol,Bio	Mi, Bio Comp, Sc,G	All Com Sub	A/c		
20.	Sonarpur Mahavidyalaya(1985) Sahid Biswanath Sarani, P.O. Rajpur Pin- 700 149 Ph.2434-1421	B,E,H,Ps, Phil,Edn	B,H	G,Zoo, Bot, Phy	G	All Com Sub	A/c		
21.	Sundarban Hazi Desarat College (1961) Vill & P.O. Pathankhali Pin-743611 Ph.953218-283038	B,E,H,Ps, Phil,Edn	B,H	Ec,Ph, Ch,M, Zoo, Bot, Anthro		All Com Sub	A/c		4(B) 2(G)
22.	Sundarban Mahavidyalaya (1965), P.O. Kakdwip Pin- 743 347 Ph.953210-255057	B,E,H,Ps, Phil,Edn	B,E,H,Ps, Phil	Ph,Ch, M,Ec, G	Ph, Ch,M Ec	All Com Sub	A/c		
23.	Sushil Kar College (1968) Ghoshpur, P.O. Champahati Pin- 743 330 Ph.953218-260005	B,E,H, Ps,Phil, Def.Stud	B,E,H, Ps,Phil	Ec,M,	Ec	All Com Sub	A/c		
24.	Saheed Anurup Ch. Mahavidyalaya (1991) P.O. Burul, Pin-743 318 Ph.2420-6131	B,E,H,Ps, Phil,Edn	B,H,Ps			All Com Sub	A/c		

Sl. No.	Name of the College	Arts		Science		Commerce		Other courses	Hostel
		General	Honours	Gen.	Hons.	Gen	Hons.		
25.	Sagar Mahavidyalaya, (1998) P.O. Harinbari P.S. Sagar Pin-743 373 Ph. 953210-242882	B,E,H,Ps, Edn,G	B,H,G						
26.	Sarsuna College (1999), Sarsuna Upanagari Ho-Chi-Min Sarani Kolkata-700 061 Ph.2452-4104/3699	B,E,H, Ps,Edn,	B,E,H, Ps	Ph,Ch, M,Zoo, Bot, Comp Sc., Mi-Bio G,Ec	Ch,G, Comp Sc., Mi-Bio	All Com Sub	A/c		
27.	Vidyanagar College, (1963) P.O. Charashyamdas Pin- 743 503 Ph.2495-9218	B,E,H, Ps,Phil	B,Phil H,Ps,	Ph,Ch, M,Zoo, Bot,Ec	M,Ec	All Com Sub	A/c		
28.	Vivekananda College, (1950) 269,D.H.Road Thakurpukur, Kolkata-700 063 Ph.2497-0024/0434	B,E,S,H, Ps,Phil Jour & Mass Comm	B,E,S,H, Phil,Ps	M,Ec, Zoo,Ph, Bot,Ch, Elect, Stat, Comp. Sc	Ph,Ec, Ch,M, Zoo, Bot	All Com Sub	A/c		
29.	Vivekananda College for Women (1961) Barisha, Kolkata-700 008 Ph. 2468-5031 24457575	B,E,S,H, Ps,Phil, Soc,Edn, Psy,Mus	B,E,S,H, Ps,Phil	G,M, Zoo,Ec, Bot, Anthro	G,Ec, Anthro, M				

NORTH 24 PARGANAS (CU)

Sl. No.	Name of the College	Arts		Science		Commerce		Other Courses	Hostel
		General	Honours	Gen.	Hons.	Gen	Hons.		
1.	Acharya Prafulla Chandra College (1960) P.O. New Barrackpore-743 276 Ph. 2537 8797	B,E,S,H, Ps,Phil, Jour	B,E,S,H, Ps,Phil, Jour	Ph,Ch, M,Ec, G,Zoo, Bot, Anthro, Comp. Sc., Elect, Mi.Bio	Ph,Ec, Ch,M, G, Comp Sc, Elect, Zoo, Bot, Mi.Bio, Anthro			Comm Eng, Advt Sales Prom	
2.	Acharya Prafulla Chandra College of Commerce(1966) P.O. New Barrackpore-700 131 Ph.2537-5311					All Com Sub	A/c		
3.	Banipur Mahila Mahavidyalaya(1999) Banipur (Habra) Pin-743 233 Ph.953216-238243	B,E,H,Ps, Phil,Edn, Soc,	B,Soc, Edn,Ps						
4.	Barasat Govt. College(1950) P.O. Barasat-700 124 Ph.2552 3365 2562-5053	B,E,S,H, Ps,Phil, Edn	B,E,S,H, Ps,Phil, Edn	Ph,Ch, M,Ec, G,Zoo, Bot	Ph,Ch, M,Ec, G,Zoo, Bot				1(B)
5.	Barasat College (1972) 1,Kalyani Road, Barasat, P.O. Nabapalli-743 203 Ph. 2542 3656	B,E,H,G, Ps,Edn, Soc,Phil,	B,H,Ps, Edn	Ec,G	G	All Com Sub	A/c		

Sl. No.	Name of the College	Arts		Science		Commerce		Other Courses	Hostel
		General	Honours	Gen.	Hons.	Gen	Hons.		
6.	Bidhannagar College (1984) BF-142, Bidhannagar Kolkata-700 091 Ph. 2337- 4761	B,E,H, Ps,Phil	B,E,H, Ps,Phil	Ph,Ch, M,Zoo, Bot,Ec, Stat	Ph,Ch, M,Zoo, Bot,Ec, Stat				
7.	Barrackpore Rashtra-guru Surendranath College, (1953) 6,Riverside Road, Barrackpore-743 101 Ph.2592-0603/8855 2594-5270	B,E,H, Ps,Phil Edn, Jour, & Mass Comm F,Stud	B,E,Hin, H,Phil, Ps,Edn, Jour, Mass Comm	Ph,Ch, M,Ec, Comp, Sc, Stat Mi,Bio, Zoo	Ph, Ph,Ch, M,G,Ec Elect, Comp, Sc, Mi-Bio	All Com Sub	A/c	Fin. Mkt BBA	
8.	Basirhat College(1947) P.O. Basirhat-Pin-743 412 Ph.953217-255-225	B,E,S, Ps,Phil, H,Edn	B,E,H, Ps,Phil	Ph, Ch, M.Ec, Bot, G, Zoo, Phy,	Ph, Ch,M. Ec, Bot,G, Zoo, Phy,	All Com. Sub	A/c		1(B)
9.	Bhairab Ganguly College (1968) 2, Feeder Road, Belghoria Kolkata-700 056 Ph.2553-2280 2564-3191	B, E, S, Ur, Ps, Phil, H, Pgy,Edn, El. Eng & Beng	B, E, H,	Ph,Ch, M, Bot, Zoo, Ec, Phy, G, Elect, Comp. Sc	Ph, Ch,G Bot, Ec, Zoo	All Com. Sub	A/c	Sales & Mngt	
10.	Brahmananda Keshab Chandra College(1956) 111/2,B.T. Road Kolkata-700 035 Ph.2557-2486	B, E, S, H,Ps, Phil	B, E, H, Ps, Phil	Ec, M, Ph, Ch, Bot, Zoo, Stat, M. Bio	M, Ph, Ch, Bot, Zoo, Ec			IFF	

Sl. No.	Name of the College	Arts		Science		Commerce		Other courses	Hostel
		General	Honours	Gen.	Hons.	Gen	Hons.		
11.	Bonhooghly College of Commerce(1965) 111/2,B.T.Road Kolkata-700 035 Ph.2577-2479					All Com Sub	A/c		
12.	Chandraketugarh Sahidulah Smriti Mahavidyalaya (1997), P.O.Debalaya (Berachampa) Pin-743 429 Ph.953216-242652	B, E, H, Ps, Phil, Edn, Soc	B,E						
13.	Dinabandhu Mahavidyalaya (1947) P.O. Bongaon-743 225 Ph.953215-255044	B, E, S, H, Ps, Phil	B, E, Ps	Ph, Ch, M, Bot, Zoo, Anthro, Comp. Sc. Ec	Ph, M, Ec, Zoo, Anthro	All Com Sub	A/c	IFF	2(B)
14.	Derozio Memorial College(1996) Rajarhat Road, P.O. R-Gopalpur Pin -700 136 Ph.2573-1040	B, E, H, Ps, Phil,Edn	B, E, Ps, H,Phil	Ph, Ch, M, Bot, Zoo, Ec, Comp Sc	M, Ec, Comp Sc,	All Com Sub			
15.	Dum Dum Motijheel College(1950) 1, Motijheel Avenue, Kolkata-700 074 Ph.2551-2585	B, E, S, H,Ps, Phil, Edn, Jour	B, E, H, Ps,Phil	Comp. Sc, Ec, Ch, M, Ph, Zoo, Bot, G, Stat, Mi. Bio, M. Bio, Elect	Comp Sc, Ec, Ch. Ph, Zoo, Bot			INST	1(B)

Sl. No.	Name of the College	Arts		Science		Commerce		Other courses	Hostel
		General	Honours	Gen.	Hons.	Gen	Hons.		
16.	Dum Dum Motijheel College of Commerce (1968) 208/B/2, Dum Dum Road, Kolkata-700 074 Ph. 2551 5921	E,B		G,Ec,M		All Com Sub	A/c		
17.	Gobardanga Hindu College(1947) P.O. Khantura Pin-743 252 Ph.953216-249210	B, E, S, H, Ps, Phil, Edn	B,E,S,H Ps,Edn Phil	Ph, M, Ch, Ec,	Ph, M, Ch, Ec			TTM	1 (B)
18.	Hiralal Mazumder Memorial College for Woman(1959) Dakshineswar, Kolkata-700 035 Ph.2564-5148	B,E,H,S, Ps,Phil Edn,Soc Jour	B,E,S,H, Ps,Phil Soc,Edn	Ph, Ch, M, Bot, Zoo, Ec, Geo	G,Ec	All Com. Sub			
19.	Kanchrapara College(1972) P.O. Kanchrapara Pin-743 145 Ph.25858790	B, E,Hin Ps,H	B, E, Hin,Ps	Ph, Ch, M, Bot, Zoo, Ec	Ph, Ch, M, Ec Zoo, Comp Sc.	All Com. Sub	A/c	M.A. in Hin	
20.	Kalinagar Mahavidyalaya(1985) Kalinagar, P.O. Kalinagarhat Pin- 743 442 Ph.2552-5820	B, E, H, Ps,Phil, Edn, G	Edn, G						1 (B)
21.	Mahadevananda Mahavidyalaya (1968) Monirampore, Barrackpore Pin-700 120 Ph. 2592-0577 2593-0843	B, E, H Hin, Phil, Edn,Ps,S	B, E, H	Ec, Ph, M, Ch, Zoo, Bot, Elect, Comp Sc.Phy	Ph, M, Ch	All Com. Sub	A/c		

APPENDIX

Sl. No.	Name of the College	Arts		Science		Commerce		Other courses	Hostel
		General	Honours	Gen.	Hons.	Gen	Hons.		
22.	Morning Star College Barrackpore Pin-743 101 Ph.2560-0577	E, H, Phil	H, Phil						
23.	Mrinalini Datta Mahavidyapith(1964) Vidyapith Road, Birati, Kolkata-700 051 Ph.2539-3825 2513-9100	B,E,S,H Ps,Phil Edn,Soc Jour & Mass. Com	B,E,H,S, Ps, Phil Edn, Soc	Ph,Ch, M,Ec,G, Comp. Sc., Bot, Anthro Zoo	Ec, G	All Com Sub	A/c	BBA (H) Ad.Sale	
24.	Nahata Jogendranath Mondal Smriti Mahavidyalaya(1985) P.O. Nahata Pin-743 290 Ph.953215-253267	B, E, H, Ps, Edn,G	B, E,H, Ps,Edn			All Com Sub	A/c		
25.	Netaji Satabarshiki Mahavidyalaya (2000) Ashokenagar, P.O. Haripur Pin-743 222 Ph.953216-231438	B, E,H, Ps,Soc G,Ph, Edn, Music	B,Ps, Music						
26.	P.N.Das College(1962) Santinagar,Palta P.O. Bengal Enamel Pin-743 122 Ph. 2592-1327	B, E, H, Ps,Phil Ec,Env. Sc	B, Ps,H			All Com Sub	A/c		
27.	Panihati Mahavidyalaya(1964) Barasat Road,Sodepur Pin-743 178 Ph.2565-3778	B, E, H, Ps,Phil, Ec	B, Ps	Ph, Ch, Ec, Bot, Zoo		All Com Sub	A/c		

Sl. No.	Name of the College	Arts		Science		Commerce		Other courses	Hostel
		General	Honours	Gen.	Hons.	Gen	Hons.		
28.	Ramkrishna Mission Vivekananda Centenary College (1963) P.O. Rahara Ph.2568-2049 2442-2049	B, E		Ph, Ch, M, Zoo, Bot,	Ph, M, Ch, Bot, Zoo			Ser.	1 (B)
29.	Ramkrishna Sarada Mission Vivekananda Vidyabhavan(1961) 33,Nayapatti Road, Dum Dum, Kolkata-700 055 Ph.2551-3452	B, E, S, H,Ps, Phil, Edn,Soc	B, E, S, H,Ps, Phil,Edn	Ec, M	Ec				2(G)
30.	Rishi Bankim Ch. College(1947) Kantalpara Naihati-743 165 Ph. 2581-2099	B, E,S, H, Ps, Phil	B, E, S, Hin, H, Ps, Phil	Ec, Ch, Ph, M, Zoo, Bot,	Ec, M, Ch, Ph, Zoo, Bot, Elect,	All Com Sub		BCA	
31.	Rishi Bankim Ch. College for Women (1984) Naihati-743165 Ph-2581-1281/8375	B, E,Hin S, H,Ps, Phil, Edn	B, E, H, Ps,	Ph, Ch, M. Ec, Bot, Zoo,					
32.	Rishi Bankim Ch. Evening College (1984) Naihati-743165 Ph. 2581-1281	B, E, Ps, H,Phil, F, Stud, S,Hin	B, E	Ec, Ph, Ch. M, G	Ec, G,	All Com Sub	A/c		

Sl. No.	Name of the College	Arts		Science		Commerce		Other courses	Hostel
		General	Honours	Gen.	Hons.	Gen	Hons.		
33.	Sarojini Naidu College for Women (1956) 30, Jessore Road,Dum Dum Kolkata-700 028 Ph. 2559-2583	B, E, S, H, Phil,Ps	B, E, S, H, Phil,Ps	Ph, Ch, M, G, Bot, Ec, Zoo	Ph, G, Ch, M, Bot, Zoo, Ec			Comp App, Comm Eng	1 (G)
34.	Sree Chaitanya College (1956) P.O. Habra Prafullanagar, Pin-743 268 Ph.953216-237020/ 236767	B, E, Ps, S,H,Phil, Def,Sty	B, E,Ps, Phil,H	Ph, Ch, M, Bot, Zoo,Ec, Anthro G, Elcet	Ph, Ch, M,Bot, Zoo, Anthro Ec,G				1 (B)
35.	Sree Chaitanya College of Commerce (1965) P.O.Habra Prafullanagar, Pin-743 268 Ph.953216-237086	E,B		Ec,G. Envs	Ec,	All Com Sub	A/c		1(B)
36.	Shaheed Nurul Islam Mahavidyalaya (2001) Vill. Gokulpur,Harishpur P.O. Tentulia Pin-743 703 Ph.953217-253923	B, E, H, Ps,Phil, Edn							
37.	Taki Govt. College (1950) P.O. Taki Pin-743 429 Ph.9117-247226	B, E, S, H,Ps, Phil	B, E, H, Ps	Ph, Ch, M, Ec, Zoo, Bot	Ch, Ec				
38.	Vivekananda College (1987) P.O. East Udayrajpur, Madhyamgram Kolkata-700 129 Ph.2538-7392	B, E,H, Ps,Phil, Edn,G	H, G,B, Edn			All Com Sub			
39.	College of Genetic Science & Engineering (1986)	Data not received							

HOWRAH (CU)

Sl. No.	Name of the College	Arts		Science		Commerce		Other courses	Hostel
		General	Honours	Gen.	Hons.	Gen	Hons.		
1.	Azad Hind Fauz Smriti Mahavidyalaya (1986) P.O. Domjur Pin-711 405 Ph.2670-0838	B, E, H, Ps,Edn, G	B, G,H, Edn			All Com. Sub			
2.	Bagnan College (1958) P.O. Bagnan Pin-711303 Ph.953214-272258	B,E,S,H, Ps,Phil	B, E, H, Ps, Phil	Ph, Ch, M, Ec, Bot, Zoo	Ch, M, Ec,Ph	All Com. Sub	A/c		
3.	Bijoy Krishna Girls' College(1947) 5/3, M.G. Road Pin-711101 Ph. 2660-2341 2650-8877	B, E,S, Hin,H, Phil,Ps, Edn,Soc	B, E, S, Hin,H, Phil,Ps, Edn	Ec, Ph, Ch, M, G, Zoo, Psy, Bot	Ec, Ph, Ch, M, G, Psy	All Com. Sub	A/c	B.Ed	
4.	Gangadharpur Mahavidyalaya(1981) P.O. Gangadharpur Pin-711 302 Ph. 9114-251223	B, E, S, H,Ps, Phil, Edn,	B, H, Ps,Phil, Edn			All Com. Sub	A/c		
5.	Joypur Panchanan Roy College(1986) P.O. Joypur Fakirdas Pin-711 401 Ph. 953214-234130	B, E, H, Ps,Phil, Edn,	H,B,E			All Com. Sub	A/c		
6.	Dr. Kanailal Bhattacharyya College (1985) P.O.Santragachi, Ramrajatala Pin-711 104 Ph.2667-5390	B, E, H, Ps,Phil, Edn,G	B, H, Ps, Edn			All Com. Sub	A/c	Trv & Tour, Int.Dec, & Beaut BBA	1 (G)

Sl. No.	Name of the College	Arts		Science		Commerce		Other courses	Hostel
		General	Honours	Gen.	Hons.	Gen	Hons.		
7.	Lalbaba College (1964) 117, G.T.Road, P.O. Belur Math Pin-711 202 Ph.2654-6289/9222	B, E,S, Hin,H, Ps,Phil, Edn	B, E, H, Ps,Phil	G, Ec, Ph, M, Ch	G, Ec	All Com. Sub	A/c		
8.	Narshinha Dutta College(1924) 129,Belilious Road, Howrah-711 101 Ph.2643-8049	B, E,Ur, S, H,Ps, Phil, Edn	B,E,S,H, Ps,Phil	Ec, Ph, Ch, M, Bot, Zoo, Anthro, Comp. Sc.Stat	Ec, Ph Ch, M, Bot, Zoo, Anthro	All Com. Sub	A/c		
9.	Prabhu Jagatbandhu College,(1964) P.O. Jorhat Pin-711 302 Ph.2669-0221	B, E, H, Ps,Phil, Ph, Edn	B, H, Phil	G, Ec, Ph, M, Ch, Elect, Comp. Sc	G, Ec, M, Ph	All Com. Sub	A/c		
10.	Purash Kanpur Haridas Nandi Mahavidyalaya(1966) P.O. Kanpur-711 410 Ph.953214-250236	B, E, H, Ps	B, E, H, Ps,	G, Ph, Ch, M, Ec	Ec	All Com, Sub	A/c		
11.	Ramkrishna Mission Vidyamandir (1941) P.O. Belur Math Pin-711 202 Ph.2654-9181	B, E, S, H,Ps, Phil	B, E, S, H,Ps, Phil	Ec, Ph, M, Ch	Ec, M Ph, Ch,			Comp App, Ind. Chem	5 (B)
12.	Ramsaday College (1946) P.O. Amta Pin-711 401 Ph.9114-26025	B, H, Ps	B, H, Ps	Ph, Ch, M, Ec	Ph,Ec, Ch,M	All Com. Sub	A/c		

Sl. No.	Name of the College	Arts		Science		Commerce		Other courses	Hostel
		General	Honours	Gen.	Hons.	Gen	Hons.		
13.	Shibpur Dinabandhu Institution(1948) 412/1,G.T.Road(S) Howrah-711 102 Ph.2688-0496	B, E, S, Ur, Hin,H, Ps, Phil, Soc,Edn	B, E, H, Ps,Phil, Edn	Ph, M, Ch, Ec, Comp, Sc, Zoo, Bot	Ph, M, Ch, Ec, Comp Sc	All Com. Sub	A/c		
14.	Shyampur Siddheswari Mahavidyalaya (1964) P.O. Ajodhya Pin-711 312 Ph.953214-261221	B, E, H, Ps,Phil	B, E, H, Ps,Phil	Ph, Ch, M, Ec, Bot, Zoo	M,Ch, Zoo	All Com. Sub	A/c		
15.	Sovarani Memorial College(1971) P.O. Jagatballavpur Pin-711 408 Ph.953214-255038	B,E,H, Ps,Phil	B,H, Ps,Phil	Ch,M, Ec, Bot, Zoo	Ph, Ch,M, Ec	All Com. Sub	A/c		
16.	Uluberia College (1948) Pin-711 315 Ph. 2661-0332	B, E, H, Ps,Phil	B, E H, Ps,Phil	Ph, Ch, M, Bot, Zoo, Ec	Ph, Ec, Ch, M, Bot, Zoo,	All Com. Sub	A/c		

HOOGHLY (CU, BU)

1.	Aghore Kamini Prakash Chandra Mahavidyalaya (1959) P.O. Bengai Pin-712 611 Ph.953211-246235	B,E,S, H,Ps, Phil	B, E, S,H,Ps	Ph, M, Ch, Ec	Ph, M, Ch	All Com Sub	Ac		2 (B) 1 (G)
2.	Arambag Girls' College (1995) P.O. Arambag Pin-712 601 Ph.953211-255960	B, E, H, Ps,Soc	B, E, H, Ps,Soc						

Sl. No.	Name of the College	Arts		Science		Commerce		Other courses	Hostel
		General	Honours	Gen.	Hons.	Gen	Hons.		
3.	Balagarh Bijoy Krishna Mahavidyalaya (1985) P.O. Balagarh Pin-712 501 Ph.953213-260288	B, E, H, Ps	B, H	M,Ec, Ch,Ph		All Com Sub	A/c		
4.	Bijoy Narayan Mahavidyalaya(1950) P.O. Itachuna Pin-712 147 Ph.9113-66275	B, E, S, H, Ps, Phil	B, E, S, H, Ps, Phil	Ph, Ch, M, Zoo, Bot, Ec	Ph, Ec Ch, M, Zoo, Bot				
5.	Bidhan Chandra College (1957) 31,G.T.Road (East) P.O. Rishra Pin-712 248 Ph.2672-6784/1812	B,E,S, Ps,H, Phil	B, E,Ps, H,Phil	Ph, M, Ec,G, Comp Sc. Elect	Ec,M	All Com Sub	A/c	OMS	
6.	Chandernagore Govt. College(1891) P.O. Chandernagore Pin-712 136 Ph.2683-5290	B, E, S, Fr,H,Ps, Phil	B, E, Fr, H,Ps, Phil	Ph, Ch, M, G, Bot, Ec Zoo,	Ph, Ec,Ch, M,G, Bot, Zoo,	All Com Sub	A/c	PG (G)	
7.	Hooghly Mohsin College(1836) P.O. Chinsurah Pin-712 101 Ph.2680-2252	B, E, S, Ur,Ara, Per,H, Ps, Phil	B, E, S, Ur,Ara, Per,H, Ps, Phil	Ph, Ch, M,Ec, G,Bot, Ec,Zoo, Phy, Elect	Ph, M, Ch, G, Ec, Bot, Zoo, Phy, Elect	All Com Sub	A/c	PG (Ps, Phy Comm)	

Sl. No.	Name of the College	Arts		Science		Commerce		Other courses	Hostel
		General	Honours	Gen.	Hons.	Gen	Hons.		
8.	Hooghly Women's College(1949) Pupulpati P.O. Hooghly Pin-712 103 Ph.2680-2335	B, E,S, H,Ps, Phil	B, E, S, H, Phil	Ph, Ch, M, Ec, G Bot, Zoo	Ph, G Ch,Ec				1 (G)
9.	Kabi Sukanta Mahavidyalaya(1986) P.O. Angus Bhadreswar Pin-712 221 Ph.2633-6184	B, E, H, Soc, Ec	B, E			All Com Sub	A/c		
10.	Khalisani Mahavidyalaya (1970) P.O. Khalisani Pin- 712 138 Ph.2682-5530	B, E, S, H,Ps, Phil	B, E, H, Ps,Phil	G, Ec, M,Ph, Ch	M	All Com Sub	A/c		
11.	Nabagram Hiralal Paul College(1957) PO. Nabagram Pin-712 246 Ph.2673-0007/5161	B, E,S, H,Ps, Phil, Edn	B,E,H, Phil, Ps	Ec,Ph, M,Ch	Ec,Ph, M,Ch	All Com Sub	A/c		
12.	Netaji Mahavidyalaya (1948) Arambag Pin-712 601 Ph.953211-255012	B, E, S, H, Ps, Phil	B, E, S, H,Ps, Phil	Ph, Ch, M, Zoo, Bot, Ec, G,Plant Proctect	Ph, G, Ch, M, Zoo, Bot, Ec	All Com Sub	Ac	Comm Eng., Off. Mgt & Sec.prac	1 (B) 1 (G)
13.	Rabindra Mahavidyalaya (1971) P.O. Champadanga Pin-712 401 Ph.9112-255104	B, E, S, H,Ps, Phil, P. Edn	B, E, H, Phil	Ph, Ch, M, Zoo, Bot, Ec, G	Ph,Ch, Zoo, Ec, Bot, M.Bio	All Com Sub	A/c	Def. Stud	

APPENDIX

Sl. No.	Name of the College	Arts		Science		Commerce		Other courses	Hostel
		General	Honours	Gen.	Hons.	Gen	Hons.		
14.	Raja Peary Mohan College(1881) Uttarpara Pin-712 258 Ph.2663-4155	B, E, S, H,Ps, Phil	B, E, H, Ps,Phil	Ph, Ch, M, Zoo, Bot, Ec, Phy	Ph, Ec,Ch, M,Zoo, Bot, Phy	All Com Sub	A/c		
15.	Raja Rammohan Roy Mahavidyalaya(1964) P.O. Namgulpara, Radhanagar Pin-712 406 Ph.9532111-266221	B, E, S, H,Ps, Phil	B, E, S, H,Ps	Ph, Ch, M, Zoo, Bot, Phy	Ph, Ch, M, Zoo, Bot, Phy	All Com Sub	A/c		
16.	Sarat Centenary College (1976) P.O. Dhaniakhali- Pin-712 302 Ph.9113-255282	B, E, S, H,Ps, Phil	B, E, H, Ps,	Ph, Ch, M, Zoo, Bot	M	All Com Sub	A/c		
17.	Serampore College (1818) Serampore Pin-712 202 Ph 2662-2322	B, E, S, H,Ps, Phil	B, E, S, H,Ps, Phil	Ph, Ch, M, Zoo, Bot, Ec, Phy	Ph, M, Ch,Ec, Zoo, Bot, Phy,	All Com Sub	A/c	Comm. Eng	
18.	Serampore Girls College (1981) 13,T.C.Goswami Street, Serampore Pin-712 201 Ph.2662-3723	B, E, S, Ps,H, Phil,Edn	B, E, S, Ps,H, Phil, Edn	Ph, M, Comp. Sc., Elect.					
19.	Sree Gopal Banerjee College(1958) Vill.Bagati, P.O. Magra Pin-712 148 Ph.2684-6244/2706	B, E, S, H,Ps, Phil	B, E, H, Ps, Phil	Ec, Ch, M, Ph, Zoo, Bot,Plt, Prot	Ph,Ch, M, Zoo, Bot,	All Com Sub	A/c	Tax. Prac	1 (B) 1 (G)

Sl. No.	Name of the College	Arts		Science		Commerce		Other courses	Hostel
		General	Honours	Gen.	Hons.	Gen	Hons.		
20.	Sri Ramkrishna Sarada Vidyamahapith (1959) P.O. Kamarpukur Pin-712 612 Ph.953211-244224	B, E, S, H,Ps, Phil	B, E, S, H	Ph, Ch, M, Ec,	Ph,M, Ch, Ec				1(B) 1(G)
21.	Swami Niswambala Nanda Girls' College (1978) 87,B.P.M.B Sarani P.O. Bhadrakali Pin-712 232 Ph.2663-0270	B, E, S, H,Ps, Phil,Edn,	E,B,H, Phil,Edn	Ec,M		All Com. Sub	A/c		
22.	Tarakeswar Degree College(1986) P.O. Tarakeswar Pin-712 410 Ph.953212-279398 276269	B, E, H, Soc, Ps, Phil,	B, E, H, Soc			All Com. Sub	A/c		
23.	Vivekananda Mahavidyalaya(1966) P.O. Haripal Pin-712 405 Ph.9112-42235	B, E, S, H,Ps, Phil, Ph, Edn	B, E, H, Ps,	Ph, Ch, M, Ec, Elect, Comp Sc	M, Comp Sc	All Com. Sub	A/c		
24.	Vidyasagar Mahavidyalaya (1998) Vill.-Suchia P.O. Masat Pin-712 701 Ph.953212-266887	B, E, H, Ps,Edn	B			All Com. Sub	A/c		

BURDWAN (BU)

Sl. No.	Name of the College	Arts		Science		Commerce		Other courses	Hostel
		General	Honours	Gen.	Hons.	Gen	Hons.		
1.	Asansol Girls' College(1956) P.O. Asansol Pin-713 304 Ph.95341-2254098	B,E,S,H, Ps,Phil	B,E,S,H, Ps,Phil	Ph,Ch, M,G, Bot, Zoo,Ec	Ch,G, Bot, Zoo				2(G)
2.	Banwarilal Bhalotia College(1944) Ushagram P.O. Asansol Pin-713 303 Ph.95341-2202842	B,E,Hin, Ur,H,Ps, Phil,S	B,E,Hin, H,Phil, Ps	Ph,M, Ch,Zoo, Bot,Ec, Elect, Stat	Ph,M, Ch, Ec, Zoo, Bot	All Com Sub	A/c	Env. & W.M. Bsc(IT) BCA BBA Ph (PG)	1(B)
3.	Bidhan Chandra College(1961) P.O. Asansol Pin-713 304 Ph.95341-202520	B,E,S,Ur, Hin,H, Ps,Phil	B,E,Hin, H,Ps	Ec,Ph, M,Ch	Ec,M, Ph, Ch	All Com Sub	A/c		
4.	Burdwan Raj College(1881) Aftab House Pin-713 104 Ph.95342-257843 2565841	B,E,S,H, Ps,Phil, Hin,Soc	B,E,S,H, Ps,Phil, Soc	Ec,Ph, Ch,M, Zoo, Bot, Stat, Elect,	Ec,Ph, Ch,M, Zoo, Bot,	All Com Sub	A/c	Ind. Fish, BBA	2(B)
5.	Chndrapur College (1985) P.O. Chandrapur, Katwa Pin-713 145 Ph.95342-752222	B,E,H, Phil,Ps	B,H,E	G,Ec,M	G	All Com Sub	A/c		

Sl. No.	Name of the College	Arts		Science		Commerce		Other courses	Hostel
		General	Honours	Gen.	Hons.	Gen	Hons.		
6.	Deshbandhu Mahavidyalaya (1973) P.O. Chittaranjan, Pin-713 331 Ph.95341-2525449	B,E,S, Hin,H, Ps,Phil	B,E,H, Ps,Hin	Ec,M, Ph,Ch, G	Ec,M	All Com Sub	A/c		
7.	Durgapur Govt. College (1970) Durgapur Pin-713 214 Ph.95343-554135/ 546038	B,E,S,H, Ps,Phil	B,E,S,H, Ps,Phil	Ph,Ch, M,Bot, Zoo, Elect Geo,Ec	Ph,M, Ch, Ec, Geo	All Com Sub	A/c	PG (Geo)	
8.	Durgapur Women's College (1980) Durgapur Pin-713 209. Ph.95343-2562852	B,E,S,H, Phil,Ps	B,E,H, Ps	Ec,Ph, M,Ch, Elect	Ch,M				
9.	Dr. Gour Mohan Roy College(1986) P.O. Monteswar Pin-713 145 Ph.95342-275548	B,E,H, Phil, Ps, Ec	E,H,B	Ec		All Com Sub	A/c		
10.	Dr. Bhupendranath Dutta Smriti Mahavidyalaya (1996) P.O. Hatgobindapur Pin-713 407 Ph.95342-2584616	B,E,H,Ps,	B,E,H, Ps	G,Ph,M, Ch,Bot, Zoo	M,G	All Com Sub	A/c		
11.	Guskara Mahavidyalaya (1965) P.O. Guskara Pin-713 128 Ph.953452-255105	B,E,H,S, Phil,Ps	B,E,S,H, Phil,Ps	G,Ec, Ph,M, Ch,Zoo, Bot	Ph,M, Ch, Zoo, Bot, Ec,G	All Com Sub	A/c		1(B) 1(G)

Sl. No.	Name of the College	Arts		Science		Commerce		Other courses	Hostel
		General	Honours	Gen.	Hons.	Gen	Hons.		
12.	Kazi Nazrul Islam Mahavidyalaya (1982) P.O.Churulia Pin-713 368 Ph.95346552202	B,E,Hin, H,Phil, Ps				All Com Sub	A/c		
13.	Kalna College (1943) P.O.Kalna Pin-713 409 Ph.953454-255032 255861	B,E,S,H, Ps,Phil	B,E,S,H, Ps,Phil	Ph,Ch, M,Bot, Zoo Ec,G	Ph,M, Ch, Bot, Zoo, Ec	All Com Sub	A/c	B.Ed	1(B)
14.	Katwa College (1948) P.O. Katwa Pin-713 130 Ph.953453-255049/ 255050/255164	B,E,S,H, Phil,Ps	B,E,H, Phil,Ps	Ec,Ph, M,Ch, Zoo,G, Bot, Phy	Ec,M, Ph, Zoo Ch, Bot, Phy	All Com Sub	A/c		1(B) 1(G)
15.	Khandra College (1982), P.O. Khandra Dt. Burdwan Ph.95341-2665245	B,E,S, Hin,H,Ps, Phil,Ec	B,E,S, Hin,H,Ps, Phil,Ec			All Com Sub			
16.	Kulti College (1986) P.O. Kulti Pin-713 343 Ph.95341-2515711	B,E,Hin, H,Ps	B,H	Ec,Ch, Zoo, Bot	Mi-Bio	All Com Sub	A/c		
17.	Kandra Radha Kanto Kundu Mahavidyalaya (2001) Vill + P.O. Kandra, Pin-713129 Ph.953453-273372	E,Ps, Ec,G	B,H						
18.	Mankar College (1987) P.O. Mankar Pin-713 144 Ph.95343-2517269	B,E,Hin, H,Ps,Phil	B,E,H, Ps	Ph,M, G,Ec, Comp Sc.	G, Comp Sc.	All Com Sub	A/c	Comp App., BCA	

Sl. No.	Name of the College	Arts		Science		Commerce		Other courses	Hostel
		General	Honours	Gen.	Hons.	Gen	Hons.		
19.	Memari College (1981) Memari Hatpukur P.O. Memari Pin-713 146 Ph.95342-2250589	B,E,H,Ps, Phil, Ph,Edn	B,E,H, Ps,Phil	G,Ec, Ph,M, Ch	G,Ec	All Com Sub	A/c		
20.	Michael Madhusudan Memorial College (1996) Kabi Guru Sarani, City Centre Durgapur Pin-713 216 Ph.95343-2566700	B,E,H,Ps, Phil	E, B	G,M,Ph, Comp. Sc,Ec	G, Comp, Sc	All Com Sub	A/c	BBA Bsc.. (I.T)	
21.	M.U.C.Women's College(1955) B.C.Road, Pin-713 104 Ph.95342-2533168/ 2531900	B,E,S,H, Ps,Phil,	B,E,S,H, Ps,Phil,	Ph,Ch, M,Zoo, Bot,G, Ec,Stat	Ph,M, Zoo, Ch, Bot, G,Ec, Stat				
22.	Raniganj Girls' College (1980) P.O.Raniganj Pin-713 347 Ph.95343-2445280/ 2444069	B,E,S, Hin,H, Ps,Phil	B,H,Ps, Phil	Ec,Ph, Ch,M, Zoo, Bot	M,Ph, Zoo, Bot	All Com Sub			
23.	Syamsundar College (1948) P.O. Syamsundar Pin-713 424 Ph.95431-80226	B,E,S,H, Ps,Phil	B,E,S,H, Ps	Ph,Ch, M,Bot, Zoo Ec,G	Ph, Ch,M, Bot, Zoo	All Com Sub	A/c	Seed Techno	

Sl. No.	Name of the College	Arts		Science		Commerce		Other courses	Hostel
		General	Honours	Gen.	Hons.	Gen	Hons.		
24.	Trivenidevi Bhalotia College (1957) P.O. Raniganj Pin-713 347 Ph.95341-2444780/ 2444275	B,E,S,Ur, Hin,H, Ps,Phil	B,E,Ur, Hin,H, Ps,	G,Geo, Ph,M, Ch,Zoo, Bot, Phy, Stat, Elect., Comp, Sc.	G,M Geo, Ph,Ch, Zoo, Bot, Stat, Elect,	All Com Sub	A/c	Ser	1(B)
25.	Vivekananda Mahavidyalaya (1964) P.O.Burdwan Pin-713 103 Ph.95342-2565521/ 2565208	B,E,S,H, Ps,Phil	B,E, H,Ps,	G,Ec, Ph,M, Ch,Zoo Bot Stat,	G,Ec, Ph,M, Ch, Zoo Bot,			Biologi Techni	

PURULIA (BU)

1.	Achhruram Memorial College(1975) Vill + P.O. Jhalda Pin-723 202 Ph.953254-255255	B,E,S, Hin,H, Ps,Phil	B,E,H	Ph,Ch, M,Zoo, Bot	Ph,M				
2.	Balarampur College(1985) P.O. Rangadih Pin-723 143 Ph.953252-280217	B,E,Hin, H,Ps, Phil	B,E,H,Ps	Ph,Ch, M,G	M,G	All Com Sub	A/c		1(B)
3.	J.K. College (1948) P.O. Ketika Pin-723 101 Ph.953252-222416/ 228744	B,E,S, Hin,H, Ps,Phil	B,E,H,S, Ps,Phil,	Ec,Ph, M,Ch, Zoo,Bot, Geo, Comp, Sc,Stat	Ec, Ph,M, Ch, Zoo, Bot, G	All Com Sub	A/c		2(B)

Sl. No.	Name of the College	Arts		Science		Commerce		Other courses	Hostel
		General	Honours	Gen.	Hons.	Gen	Hons.		
4.	Kashipur Micheal Madhusudan Mahavidyalaya(2000) P.O. Panchokotraj Pin-723 132 Ph.953251-246556	B,E,H,G, Soc,Ec	B,G						
5.	Mahatma Gandhi College(1981) Lalpur,P.O. Daldali Dt. Purulia Ph.953252-240251	B,E,S,H, Ps,Phil, Ec	B,E,H,Ps			All Com Sub	A/c		1(G)
6.	Manbhum Mahavidyalaya(1986) P.O. Manbazar Pin-723 131 Ph.03253-255632	B,E,H,Ps	B,H	Ec,Ph, M,G, Comp, Sc ,	Ec	All Com Sub	A/c		1(B)
7.	Netaji Subhas Asram Mahavidyalaya (1985) P.O. Suisa Pin-723 212 Ph.953254-244150	B,E,Hin, H,Phil,G, Ps	B						1(B)
8.	Nistarini College(1957) P.O. Deshbandhu Road Pin-723 101 Ph.953252 222064	B,E,S, Hin,H,Ps, Phil,	B,E,H,Ps, Phil	G,Ph,M, Ch,Zoo, Bot	G,Ch, M,Bot				2(G)
9.	Panchkot Mahavi-dyalaya (2000) Sarbari More P.O. Nituria Pin-723 121 Ph.953251-255512	B,E,Hin, H,Ps,G				All Com Sub	A/c		

Sl. No.	Name of the College	Arts		Science		Commerce		Other courses	Hostel
		General	Honours	Gen.	Hons.	Gen	Hons.		
10.	Raghunathpur College(1961) P.O. Raghunathpur Pin-723 133 Ph.953251-255235	B,E,S,H, Ps,Phil	B,E,H	Ec,Ph, M,Ch, Zoo, Bot	Ec,M, Ph, Ch	All Com Sub	A/c		2(B)
11.	Ramananda Centenary College (1971) P.O. Laulara Pin-723 151 Ph.953253-259521/ 259217	B,E,H, Ps,Phil	B,E,Phil	Ph,Ch, M,Ec,G, Zoo,Bot	Ch,Ec				

BANKURA (BU)

1.	Bankura Zilla Saradamani Mahila Mahavidyapith(1973) Nutanchati Road P.O. Bankura Pin-722 101 Ph.953242-251194	B,E,S,H, Ps,Phil, G,Ec	B,E,S,Ps, H,Phil,G						1(G)
2.	Bankura Christian College (1903) P.O. Bankura Pin-722 101 Ph.953242-250924/ 259724/251121	B,E,S,H, Ps,Phil,	B,E,S,H, Ps,Phil, Soc	Ph,Ch, M,Bot, Ec, Zoo,G, Phy,	Ph,Ch, M,Ec, Bot, Zoo, Elect,	All Com Sub	A/c		4(B) 1(G)
3.	Bankura Sammilani College(1948) P.O. Kenduadihi Pin-722 101 Ph. 953242-250741	B,E,H, Ps,	B,E,H, Ps	Ch,M, Zoo, Bot,Ph, Mi.Bio	Ch,M, Zoo, Bot	All Com Sub	A/c		3(B) 1(G)

Sl. No.	Name of the College	Arts		Science		Commerce		Other courses	Hostel
		General	Honours	Gen.	Hons.	Gen	Hons.		
4.	Barjora College(1985) P.O. Barjora Pin-722 202 Ph.953241-257309	B,E,H, Ps,Phil, Ec	B,E,H, Ps						
5.	Chatra Ramai Pandit Mahavidyalaya(2000) P.O. Darapur Pin-722 141 Ph.953244-250640	B,E,H,G, Ph,Edn	B,G			All Com Sub			
6.	Gobinda Prasad Mahavidyalaya(1985) P.O. Amarkanan Pin-722 133 Ph.953241-265266	B,E,S,G, Ph,Edn,	B,E			All Com Sub			
7.	Jamini Roy College(1986) Vill + P.O. Beliatore Pin-722 203 Ph.953241-25926	B,E,H,Ps, Phil	B,H						
8.	Khatra Adibasi Mahavidyalaya(1979) P.O. Khatra Pin-722 140 Ph.953243-255261	B,E,S,H, Phil,Ps, Ec	B,H			All Com Sub	A/c		2(B)
9.	Panchmura Mahavidyalaya(1965) P.O. Panchmura Pin-722 156 Ph.953243-268227	B,E,S,H, Ps,Phil	B,E,H,Ps, Phil,S	Ph,Ch, M,Ec	Ec	All Com Sub	A/c		3(B)

Sl. No.	Name of the College	Arts		Science		Commerce		Other courses	Hostel
		General	Honours	Gen.	Hons.	Gen	Hons.		
10.	Pandit Raghunath Murmu Smriti Mahavidyalaya(1986) Vill- Baragari P.O. Jamboni Pin –722 150 Ph.953243-268211	B,E,H,Ps, Phil,Ec, G	B,H,G						
11.	Ramananda College (1945) P.O. Bishnupur Pin-722 122 Ph.953244-252059	B,E,S,H, Ps,Phil	B,E,S,H, Ps,	Ph,Ch, M,Zoo, Bot, Phy,Ec, Comp Sc	Ph,M, Ch,G, Zoo, Bot, Ec, Phy	All Com Sub	A/c		3(B) 1(G)
12.	Saldiha College (1966), P.O. Saldiha Pin-722 173 Ph.953242-262224	B,E,S,H, Ps	B,E,S,H, Ps	Ec,Ph, M,Ch, Zoo, Bot, Phy	Ec,M, Ph, Ch	All Com Sub			3(B) 1(G)
13.	Saltora Netaji Centenary College (2001), P.O. Saltora Pin-722 158 Ph.953241-273456	B,E,S,H, Phil,Ps	B						
14.	Sonamukhi College(1966) P.O. Sonamukhi Pin-722 207 Ph.953244-275251	B,E,S,H, Ps,Phil	B,E,H, Ps,Phil	Ec,Ph, M,Ch, Zoo, Bot	Zoo, Bot M,Ec	All Com Sub	A/c		1(B)

BIRBHUM (BU)

Sl. No.	Name of the College	Arts		Science		Commerce		Other courses	Hostel
		General	Honours	Gen.	Hons.	Gen	Hons.		
1.	Abhedananda Mahavidyalaya(1965) P.O. Sainthia-731 234 Ph.953462-262292	B,E,S,H, Ps,Phil	B,E,S,H, Ps,Phil	Ph,Ch, M,Bot, Zoo,Ec, Elect	Ph,M Ch, Ec, Zoo	All Com Sub	A/c	BBA	1(B)
2	Birbhum Mahavidyalaya(1979) P.O. Suri Pin-731 101 Ph.953462-255653/ 253398	B,E,H,S, Ps,Phil Soc,G	B,E,Ps, G, Phil						
3.	Bolpur College(1950) Bolpur Pin-731 120 Ph.953463-252290	B,E,S,H, Ps,Phil	B,E,S,H, Ps,Phil	Ph,Ch, M,Zoo, Bot,Ec, G	Ph, Ch,M, Zoo, Bot, Ec	All Com Sub	A/c	Ser., Rural Handi Crafts	1(B) 1(G)
4.	Chandidas Mahavidyalaya(1972) P.O. Khujutiapara Pin-731 215 Ph.953463-246233	B,E,S,H, Ps,Phil	B,E,H	Ph,Ch, Bot,M, Zoo,Ec, G		All Com Sub	A/c		
5.	Hiralal Bhakat College(1986) P.O. Nalhati Pin-731 220 Ph.953465-255254	B,E,H,Ps, Phil,G, Ec	B,H,Ps			All Com Sub	A/c		
6.	Kabi Nazrul College(1985) Vill+P.O. Murarai Pin-731 219 Ph.953465-252202	B,E,H,Ps, Phil	H,B	Ch,Zoo, Bot		All Com Sub	A/c		

APPENDIX

Sl. No.	Name of the College	Arts		Science		Commerce		Other courses	Hostel
		General	Honours	Gen.	Hons.	Gen	Hons.		
7.	Krishna Chandra College(1897) P.O.Hetampur Pin-731 124 Ph.953462-270236	B,E,S,H, Ps,Phil	B,E,S,H, Ps	Ph,Ch, M,Bot, Zoo,Ec	M,Ph, Ch, Ec, Bot, Zoo	All Com Sub			2(B)
8.	Rampurhat College (1950) P.O. Rampurhat Pin-731 224 Ph.953461-255018	B,E,S,H, Ps,Phil	B,E,S,H, Ps	Ph,Ch, M,Zoo, Bot,Ec, Elect	Ph,Ec, Ch,M, Bot, Zoo, Ec	All Com Sub	A/c		
9.	Sambhu Nath College(1963) P.O. Labpur Pin-731 204 Ph.953463-266225	B,E,S,H, Ps,Phil	B,E,S,H, Ps,Phil	Ph,Ch, M,Zoo, Bot	Ph, Ch,M, Zoo, Bot,	All Com Sub	A/c		
10.	Suri Vidyasagar College (1942) P.O. Suri Pin-731 101 Ph.953462-255504/ 257054	B,E,S,H, Ps,Phil	B,E,S,H, Ps,Phil,	Ph,M, Ch,Zoo, Bot, Phy, Stat,Ec Comp Sc, Mi.Bio Elect Plat.Prot	Ph,M, Ch,Zoo, Bot, Phy,Ec Mi.Bio	All Com Sub	A/c		1(B)
11.	Sailajananda Falgooni Smriti Mahavidyalaya(1998) P.O. Khayrasole Pin-731 125 Ph.953462-240306	B,E,H,Ps, Phil,G	B,H Phil						

NADIA (KU)

Sl. No.	Name of the College	Arts		Science		Commerce		Other courses	Hostel
		General	Honours	Gen.	Hons.	Gen	Hons.		
1.	Dr. B.R. Ambedkar College (1973) P.O. Betai Pin-741 163 Ph.953471-254207	B,E,H, Phil,Ps, Ph,Edn, Ec	B,H,Ec			All Com Sub	A/c		
2.	Bethuadahari College (1986) P.O. Bethuadahari Pin-741 126 Ph. 953474 255401	B,E,Ps,H, Phil,Soc	H,B,Ps			All Com Sub	A/c		
3.	Chakdaha College (1972) P.O. Chakdaha Pin-741 222 Ph.9173-242268	B,E,S,H, Phil,Ps	B,E,H, Ps	Ph,M, Ch,Zoo, Bot,Ec, Stat,G	M,Ph, Ch, Zoo, Bot, Ec	All Com Sub	A/c	Ad Sale, BBM, BCA	1(B)
4.	Chapra Bangaljahi Mahavidyalaya(2001) P.O. Bangaljahi Pin-741 123	B,E,H, Ps, Alt Beng, Com,B	B						
5.	Dwijendralal College (1968) P.O.Krishnagar Pin-741 101 Ph.953472-252240					All Com Sub	A/c		
6.	Haringhata Mahavidyalaya (1986) P.O. Subarnapur Pin-741 249 Ph.953473-233318	B,E,H,Ps, Ec,G	B,E,H, G			All Com Sub	A/c		

Sl. No.	Name of the College	Arts		Science		Commerce		Other courses	Hostel
		General	Honours	Gen.	Hons.	Gen	Hons.		
7.	Kalyani Mahavidyalaya (1999) B.T.College Campus Pin-741 235 Ph. 2582-1390	B,E,H,Ps, Soc	B,E,H, Soc,Edn	Ec,M, Stat,G	Ec,G	All Com Sub	A/c	Comp. Sc.	
8.	Karimpur Pannadevi College (1968) P.O. Karimpur Pin-741 152 Ph.953471-255158	B,E,H,Ps, Phil	B,E,H, Ps,Phil	Ph,Ch, M,G	Ph,M, Ch,G	All Com Sub	A/c		
9.	Krishnagar Govt. College (1846) P.O. Krishnagar Pin-741 101 Ph.953472-252863	B,E,S,H, Ps,Phil	B,S,Phil, H,Ps	Ph,Ch, M,G,Ec, Zoo, Bot, Phy,Stat	Ec,G Ph,Ch, M,Zoo, Phy			PG Phil, G	2(B)
10.	Krishnagar Women's College (1958) P.O.Krishnagar Pin-741 101 Ph.953472-252355	B,E,S,H, Phil,Ps	B,S,Phil	Ph,M, Ch,Ec, G	Ec				2(G)
11.	Nabadwip Vidyasagar College (1942), P.O. Nabadwip Pin-741 302 Ph.953472-240009	B,E,S,H, Ps,Phil	B,E,S,H, Ps	Ph,Ch, M,Ec, Bot, Zoo,	Ch,M, Zoo, Bot	All Com Sub	A/c		1(B)
12.	Ranaghat College (1950), Old Baharampur Road Ranaghat Pin-741 201 Ph.9173-255111	B,E,S,H, Phil,Ps	B,S,H,Ps	Ph,M, Ch,G, Zoo, Bot	Ph, Ch, Zoo, Bot	All Com Sub	A/c		

Sl. No.	Name of the College	Arts		Science		Commerce		Other courses	Hostel
		General	Honours	Gen.	Hons.	Gen	Hons.		
13.	Santipur College (1948), P.O. Santipur Pin-741 404 Ph.953472-278028	B,E,S,Ps, H,Phil	B,H,E, Ps	Ph,Ch, M,Ec		All Com Sub	A/c		1(B)
14.	Srikrishna College (1950), P.O. Bagula Pin-741 502 Ph.953473-272205	B,E,H, Ps,Phil, Phy,Edn	B,E,H, Ps	Ph,Ch, M,Ec, Comp. Sc.		All Com Sub	A/c		1(B)
15.	Sudhirranjan Lahiri Mahavidyalaya (1966), P.O. Majdia Pin-741 507 Ph.953472-276206	B,E,H,Ps, Phil,Ec, Soc,Psy, Def.Stud	B,H,Phil, Ps,Psy, Ec,Soc,			All Com Sub			

MURSHIDABAD (KU)

1.	Berhampur Girls' College(1946) P.O. Berhampur Pin-742101 Ph.953482-251193	B,E,S,H, Ps,Phil, Soc	B,E,S,H, Ps,Phil	Ph,Ch, M,Bot, Zoo,Ec Phy,	Ph,Ec, Ch, Phy			F.Eng Seri, Tour & Tra	2(G)
2.	Berhampur College (1963) P.O. Berhampur Pin-742 101 Ph.953482-252545	B,E,H, Ps,Phil	B,E,H, Ps,Phil	Ec,G,M	Ec,M	All Com Sub	A/c	F.Stud	
3.	Dukhulal Nibaran Chandra College(1967) P.O. Aurangabad Pin -742 201 Ph.953485 262477	B,E,H, Ps,Phil	B,Ps, Phil,H	Ec,Ph, Ch,M		All Com Sub	A/c		1(B)

APPENDIX

Sl. No.	Name of the College	Arts		Science		Commerce		Other courses	Hostel
		General	Honours	Gen.	Hons.	Gen	Hons.		
4.	Dumkal College(1999) P.O. Dumkal Pin-742 303 Ph.95348-230770/ 230040	B,E,H,Ps	B,E,	Ph,Ch, M,G, Comp. Sc	Ph,M, Ch	All Com Sub	A/c		
5.	Jangipur College(1950) P.O. Jangipur Pin-742 213 Ph.953483-264226	B,E,S,H, Ps,Phil	B,E,H, Ps	Ph,M, Ch,Zoo, Bot,Ec, G	Ph,M, Ch, Bot	All Com Sub	A/c		1(B)
6.	Jatindra Rajendra Mahavidyalaya(1986) P.O. Amtala-742 121 Ph.953482 247244	B,E,H,Ps, Phil	B,H						
7.	Kandi Raj College (1950) P.O.Kandi -742137 Ph.953484-255230	B,E,S,H, Phil,Ps, P,Edn	B,E,H, Phil,Ps	G,Ph, Ch,M, Comp. Sc,Zoo, Bot,Ec, Phy	Ph,M, Ch, Ec				1(B)
8.	Krishnanath College (1853) P.O. Berhampore Pin-742 101 Ph.953482 252069	B,E,S,H, Phil,Ps	B,E,S,H, Phil,Ps	Ph,M, Ch,G, Zoo,Ec, Bot, Phy	Ph,M, Ch,G, Zoo, Bot, Phy, Ec,			TTMV SRTV PG Seri. Phy,S	3(B) 1(G)
9.	Murshidabad Adarsha Mahavidyalaya (1981) P.O. Chak Islampur Pin-742 304 Ph.953481-236327	B,E,H, Ps,Phil	B						

Sl. No.	Name of the College	Arts		Science		Commerce		Other courses	Hostel
		General	Honours	Gen.	Hons.	Gen	Hons.		
10.	Muzaffar Ahmed Mahavidyalaya (1986) P.O. Salar Pin-742 401 Ph.953484-273305	B,E,H,Ps, Phil,Edn, G	B,H						
11.	Nagar College (1998) Vill + P.O. Nagar Pin-742 159 Ph. 953484 279076	B,E,H, Ps,Phil, Ec							
12.	Panchthupi Haripada Gouribala College (1996) P.O. Panchthupi Pin-742 161 Ph.	B,E,Ps,H, Phil		Ec					
13.	Raja Birendra Chandra College (1965) P.O. Kandi Pin-742 137 Ph.953484-255379	B,E,Edn, Phil,Ps				All Com Sub	A/c		
14.	Rani Dhanya Kumari College (1962) P.O.-Jiaganj Pin-742 123 Ph.953483-255330	B,E,H, Ps,Phy, Edn	B			All Com Sub	A/c	Def. Stud	
15.	Sewnarayan Rameswar Fatepuria College (1965) P.O. Beldanga Pin-742 133 Ph. 953482 264040	B,E,H,Ps, Phil	B,H,Ps, Phil	Ec,Ph, Ch,M		All Com Sub	A/c		

Sl. No.	Name of the College	Arts		Science		Commerce		Other courses	Hostel
		General	Honours	Gen.	Hons.	Gen	Hons.		
16.	Sripat Singh College (1950) P.O. Jiaganj Dt. Murshidabad Ph.953482-250351	B,E,S,Ps, Phil	B,H,Ps, Phil	Ph,Ch, M,Ec, Bot, Zoo, M,Bio, Comp Sc.	Ph,M, Ch, Bot, Ec				
17.	Syed Nurul Hasan College (1994) P.O. Farakka Barrage Pin-742 212 Ph.953485 253817	B,E,H, Edn,Soc, Ps	B,H,Soc						
18.	Subhas Chandra Bose Centenary College (1998) Lalbagh, P.O.Murshidabad Pin-742 149 Ph.953482 270643	B,E,Ur,H, Ps,Phil Edn,G							

PASCHIM MIDNAPORE (VU)

1.	Belda College (1963) P.O. Belda Pin-721 424 Ph.953220-255246	B,E,S,H, Ps,Phil, Ph,Edn,	B,E,H,Ps, Phil	M,Ch, Ph,Ec, G	Ph,Ch, G	All Com Sub	A/c	Off Mgt. & Prac	1(B)
2.	Bhattar College (1963) P.O. Dantan Pin-721 426 Ph.953229-253238	B,E,H,Ps, Phil,Ec	B,E,H,Ps, Phil,Ec			All Com Sub	A/c		

Sl. No.	Name of the College	Arts		Science		Commerce		Other courses	Hostel
		General	Honours	Gen.	Hons.	Gen	Hons.		
3.	Chandrakona Vidyasagar Mahavidyalaya (1985) P.O. Chandrakona Pin-721 201 Ph.953225-266294	B,E,H,Ps, Phil	B,H,	Ph,M, Ec,G, Comp. Sc.	Comp Sc			BCA. Ph. Edn	
4.	Garhbeta College (1948), P.O. Garbeta Pin-721 127 Ph.953227-265143	B,E,S,H, Ps,Phil Ph,Edn	B,E,H, Phil	Ph,Ch, M,Bot, Zoo,Ec G,Phy, Elect	Ph, Ch,M, Bot, Zoo,G, Phy, Elect				1(B)
5.	Ghatal Rabindra Satabarshiki Mahavidyalaya (1961) P.O. Ghatal Pin-721 212 Ph.953225-255024	B,E,S,H, Phil,Ps	B,E,S,H, Phil,Ps	Ph,Ch, G,Ec,M	G.M, Ch,Ph	All Com Sub	A/c		
6.	Hijli College (1995) P.O.Hijli Cooperative Pin-721 306 Ph.953222-278177	B,E,Soc, H	B,E	Ph,M, Ec,G, Comp Sc	Comp. Sc			Comp. App, OMSP BCA	
7.	Jhargram Raj College (1949) P.O. Jhargram Pin-721 507 Ph.03221-255022	B,E,H,Ps, Phil,Phy, Edn	B,E,H,Ps, Phil	Ph,Ch, M,Bot., Zoo,Ec, Phy	Ph, Ch,M, Bot, Zoo Phy,Ec	All Com Sub	A/c		2(B) 1(G)
8.	Kaibalyadayine College of Commerce, (1961) P.O. Paschim Midnapore, Pin-721 101 Ph.953222-275836					All Com Sub	A/c		

APPENDIX

Sl. No.	Name of the College	Arts		Science		Commerce		Other courses	Hostel
		General	Honours	Gen.	Hons.	Gen	Hons.		
9.	Kharagpur College (1949) P.O. Kharagpur Pin-721 305 Ph.953222-725920	B,E,S, Hin,H,Ps, Phil	B,E,Hin, H,Ps,Phil	Ec, Comp. Sc, Phy	Ec,	All Com Sub	A/c		1(B)
10.	Midnapore College (1873), P.O. Midnapore Pin-721 101 Ph.953222-275847	B,E,S,H, Ps,Phil Ph,Edn	B,E,S,H, Ps,Phil	Ph,Ch, M,Bot, Zoo,Ec, Phy,G,	Ph,G, Ch,M, Bot, Zoo, Phy, Ec, Comp Sc.			BCA	1(B) 1(G)
11.	Narajole Raj College (1966), P.O. Narajole Pin-721 211 Ph.953225-259616	B,E,S,H, Ps,Phil	B,H,Ps	Ph,Ch, M,Zoo, Bot	M,Ch, Bot				1(B)
12.	Pingla Thana Mahavidyalaya (1965) P.O. Maligram Pin-721 140 Ph.953222-241224	B,E,S,H, Phil,Ps,	B,E,H, Phil,Ps,	Ph,Ch, M,Ec, Zoo,G, Bot, Comp. Sc.Phy	M,Ph, Bot,G	All Com Sub	A/c	P&P In	2(B) 1(G)
13.	Raja Narendralal Khan Womens College (1957) Gope Palace, P.O. Vidyasagar University Pin-721102 Ph.953222-275426	B,E,S, Hin,H, Phil,Ps, Music	B,E,S, H,Phil, Ps, Music	Ph,M, Ch,Ec, Zoo, G,Bot, Phy, Comp Sc x Sc,	M,Ph, Zoo, Bot, Phy, Comp Sc,G, Ec Sc.,G, Ec			BCA, Seri.	7(G)

Sl. No.	Name of the College	Arts		Science		Commerce		Other courses	Hostel
		General	Honours	Gen.	Hons.	Gen	Hons.		
14.	Sabang Sajanikanta Mahavidyalaya (1970) P.O. Lutunia Pin-721 166 Ph.953222-248221	B,E,S,H, Phil,Ps,	B,S,H, Phil,Ps	Ph,M, Ch,Ec, Zoo, Bot,	Ph,Ec, Zoo M, Bot	All Com Sub	A/c	B,Sc IFF	2(B) 1(G)
15.	Seva Bharati Mahavidyalaya (1964) P.O. Kapgari-721505 Ph.953226-263295	B,E,H, Ps,Phil	B,Phil, G	Anthro, Ec,Ph, M,Ch, Zoo	Anthr	All Com Sub	A/c	Se. Tech	3(B) 1(G)
16.	Silda Chandrasekhar College (1971) Vill+P.O.Silda Pin-721 515 Ph.953221-252311	B,H,E, Ps,Phil	B,H	M,Ph, Ch,Ec	M	All Com Sub			2(B) 1(G)
17.	Subarnarekha Mahavidyalaya (1988) P.O. Gopiballavpur Pin-721 506 Ph.953221-266278	B,E,Ps,H, Ec	B,H,Ps,G	Anthro, Elect		All Com Sub	A/c		
18.	Vivekananda Satabarshiki Mahavidyalaya (1964) P.O. Manikpara Pin-721 513 Ph 953222-230244	B,E,S,H, Phil,Ps	B,H,Ps, Phil	Ph,Ch, M,Ec Zoo, Bot	Ec,M	All Com Sub			1(B)

PURBA MIDNAPORE (VU)

Sl. No.	Name of the College	Arts		Science		Commerce		Other courses	Hostel
		General	Honours	Gen.	Hons.	Gen	Hons.		
1.	Bajkul Miloni Mahavidyalaya (1964) P.O. Kismat Bajkul Pin-721 655 Ph.03220-274291 274460	B,E,S,H, Ps,Phil, Ph,Edn,	B,E,H,Ps, Phil,S	Ph,Ch, M,Bot, Zoo,G, Phy,Ec	Ph,G, Ch,M, Bot, Zoo, Ec			Auto-mobile	1(G)
2.	Egra Sarada Sashibhusan College (1968) P.O. Egra Pin-721 429 Ph.03220-244073	B,E,S,H, Phil,Ps	B,E,H,Ps	Ch,G, Zoo, Bot		All Com Sub	A/c	Off Mgt. & Prac.	1(B)
3.	Haldia Govt. College (1988), P.O. Debhog Haldia Pin-721 657 Ph.03224-255578/ 252044	B,E,Edn, Soc, P,Edn	B,E,Edn, Soc P,Edn	Ph,Ch, M,Ec, Anthro, Stat,G	Ch,M, Ec,G, Anthro, Stat,				1(B) 1(G)
4.	Khejuri College (1999) P.O. Baratala Pin-721 432 Ph.953220-280235	B,E,Edn, Soc,H,S, Ps,Phy, Edn	Soc,B	G	G			Agro-Service	
5.	Mahisadal Raj College (1969) P.O. Mahisadal Pin-721 628 Ph.953224-240220	B,E,S,H, Ps,Phil	B,E,S,H, Ps,Phil	Ph,Ch, M,Ec Bot, Zoo	Ph, Ch,M, Ec	All Com Sub	A/c		1(B) 1(G)

Sl. No.	Name of the College	Arts		Science		Commerce		Other courses	Hostel
		General	Honours	Gen.	Hons.	Gen	Hons.		
6.	Mahisadal Girls' College (1969) P.O. Mahisadal Pin-721 628 Ph.953228-277520/240520	B,E,S,H, Phil,Ps, Edn,Soc, G,Music	B,E, H,Ps, Phil,Edn, Soc,G						1(G)
7.	Moyna College (1972) P.O. Moyna Pin-721 629 Ph.953228-260247	B,E,S,H, Ps,Phil	B,E,H,	Ch,Bot		All Com Sub			
8.	Mugberia Gangadhar Mahavidyalaya (1964) P.O. Bhupatinagar Pin-721 425 Ph.953220-270236	B, E, S, H, Ps, Phil, Ph. Edn, Music	B, E, H, Ps Phil	Ph, Ch, M, Ec	Ec Ch,M	All Com Sub	A/c	Tax Prac B.PED	1 (B) 1 (G)
9.	Panskura Banamali College (1960) P.O. Panskura R. S. Pin-721 152 Ph.953228-252222	B,E,S,H, Ps,Phil, Ph. Edn,	B,E, H,Ps, Edn	Ph,Ch, M,Zoo, Bot,Phy, Comp Sc, Elect, Mi,Bio Bio. Tech Ec,G	Ph,Ch, M,Zoo Bot,Phy, Comp Sc,Elect, Mi,Bio Bio. Tech Ec,G	All Com Sub	A/c	BCA B,Ed. B,P,Ed	2 (B)
10.	Prabhat Kumar College (1926) P.O. Contai Pin-721 401 Ph.953220-255020	B,E,S,H, Ps, Phil	B,E,S,H, Ps, Phill	Ph,G, Ch, M, Bot, Zoo, Ec, Comp. Sc., Anthro	Ph,G, Ch, M, Bot, Zoo, Ec, Comp Sc., Anthro	All Com Sub	A/c	IFF	1 (B) 1 (G)

Sl. No.	Name of the College	Arts		Science		Commerce		Other courses	Hostel
		General	Honours	Gen.	Hons.	.Gen	Hons.		
11.	Ramnagar College (1972) P.O. Depal Pin-721 453 Ph.03220-264241	B, E,S,H, Ps, Phil Soc	B, H, Ps, Phil	Ph, Ch, M, Bot, Zoo,	M, Ph	All Com Sub	A/c	IFF	
12.	Sitananda College (1960) P.O. Nandigram Pin-721 631 Ph. 953224-232295/232494	B, E, H, Phil,Ps, Edn,S	B, E,H, Ps	Ph, Ch, M, Bot, Zoo, Anthro	M, Zoo, Anthro				1(B) 1(G)
13.	Tamralipta Mahavidyalaya (1948) P.O. Tamluk Pin-721 636 Ph.953228-266054	B, E,S,H, Ps,Phil, Ph, Edn	B,E,S,H Ps	Ph, Ch, M, Zoo, Bot,Ec, Phy, Elect, Comp Sc.	Ph, M, Ch, Zoo, Bot, Ec, Phy	All Com Sub	A/c		1 (B) 1 (G)
14.	Vivekananda Mission Mahavidyalaya (1968) P.O. Chaitanyapur, Pin-721645 Ph.953224-286223	B, E,S,H, Phil,Ps	B, E, H, Phil	Ph, Ch, M, Elect, Comp. Sc.	Elect, M	All Com Sub	A/c		
15.	Yogada Satsangha Palpara Mahavidyalaya (1964) P.O. Palpara Pin-721 458 Ph.953220-249227	B,E,S,H, Phil, Ps	B, E, H, Phil, Ps	Ph, M, Ch, Zoo, Bot, Ec, Comp Sc.	Ph, M, Comp Sc.			BCA	2 (B) 1 (G)

DARJEELING (NBU)

Sl. No.	Name of the College	Arts		Science		Commerce		Other courses	Hostel
		General	Honours	Gen.	Hons.	Gen	Hons.		
1.	Bijonbari Degree College (1995) P.O. Bijonbari Pin-734 201 Ph.95354-260315	E, N, H, Ps, Ec,							
2	Darjeeling Govt. College(1948) Lebong Cart Road Pin-734 101 Ph.95354-2254078	B, E, H, Ps,Hin Phil	B, E, H, Ps, Phil	Ph, Ch, M,G,Ec Zoo, Bot	Ph, M, Ch, G, Zoo, Bot, Ec	All Com Sub	A/c	PG Zoo, Bot N	1(B) 3(G)
3.	Kalipada Ghosh Tarai Mahavidyalaya(1988) P.O. Bagdogra Pin-734 422 Ph. 95353-2450662	B, E, N, H,Ps Soc,Ec	H.			All Com Sub.	A/c		
4.	Kalimpong College (1962) Rishi Bankim Ch. Park P.O. Kalimpong Pin-734 401 Ph.953552-255231/ 255486	E,N,Hin Tib,Ps H,Phil,	E, N, H, Ps,Phil	Bot,G Zoo,Ec	Bot, Zoo	All Com Sub.	A/c		
5.	Kurseong College (1967) Down Hill Road P.O. Kurseong Pin-743203 Ph.95354-2344243	B, E, N, Ur, Hin, H,Ps	E, N, H, Ps	Ph, Ch, M, Ec, Zoo, G Bot		All Com Sub	A/c	Comm Eng	
6.	Loreto College (1961) P.O. Darjeeling Pin-734 101 Ph.95354-2254238	B, E,N,G Hin, Ps, H, Edn, Ec,	E, N, H, Ps, Edn, G						

Sl. No.	Name of the College	Arts		Science		Commerce		Other courses	Hostel
		General	Honours	Gen.	Hons.	Gen	Hons.		
7.	Mirik College(2000) Krishnnagar P.O. Mirik Pin-734 214	E, N, H, Ps,G							
8.	Salesian College (1933) P.O. Sonada Pin-734 219 Ph.0354-2266328/ 2466243	E,H,Ec Phil, Edn	E, H			All Com Sub	A/c	BCA BBA B.Ed B.P. Ed	1
9.	Siliguri College (1950) College Para P.O. Siliguri Pin-734 401 Ph.95353-2436590 2433191/2436590	B, E,S,N Hin, H, Ps,Phil, Soc,Jour, P, Edn.	B, E, N, Hin, H, Phil,Soc Jour	Ch, Ec, M, Ph., Zoo,G, Bot, Mi. Bio. Phy, Stat	Ec, G, Ch, M, Ph Zoo, Bot, Mi. Bio,			TTM, Comp Sc., Comp App	1 (B) 1 (G)
10.	Siliguri College of Commerce (1962) P.O. Siliguri Pin-734 401 Ph.0354-2432594/ 2436817	B,E,H,N,				All Com Sub	A/c		
11.	Siliguri Mahila Mahavidyalaya(1981) 1 No.Dabgram Colony P.O. Rabindra Sarani Pin-734 406 Ph.95353-2596442	B, E, H, Ps,Edn Ec	B, E, H, Ps						
12.	Sonada College (1985) P.O. Sonada Pin-734 219 Ph.95354- 2466316	E, N, H, Ps,Phil	N						

Sl. No.	Name of the College	Arts		Science		Commerce		Other courses	Hostel
		General	Honours	Gen.	Hons.	Gen	Hons.		
13.	St. Joseph's College (1927) P.O. North Point Pin-734 104 Ph.95354-2270555 2270472	B, E, Hin N,H, Ps, Soc	E, N, Ps,H	Ph, Ch, M, Ec, Bot,Zoo, Comp. Sc.	Ph, Ch, Ec, Zoo, Bot Comp Sc.	All Com Sub	A/c	BCA	1 (B) 1 (G)
14.	Cluny Women's College (1998) P.O. Kalimpong Pin-734 301 Ph.953552-257924	E, N,H,G, Comm Eng.	E					Off. Mgt & Sec. Prac	
15.	Surya Sen Mahavidyalaya (1998) Surya Sen Colony Block-B, P.O.Siliguri Pin-734 404 Ph.95353-2691488	B,E,Ps, Soc,H	E,Ps	Ph,Ch, M, Ec		All Com Sub	A/c		

JALPAIGURI (NBU)

1.	Alipurduar College (1957) P.O. Alipur,Court Pin-736 122 Ph. 953564-255045	B,E, S,H,Ps, Phil	B,E,H, Ps,Phil	Ph,Ch, M,Zoo, Bot,Ec, G	Ph,Ec, Ch,M, G	All Com Sub	A/c	Comp App	1(B) 1(G)
2.	Ananda Chandra College(1942) P.O. Jalpaiguri Pin-735 101 Ph.953561-255554/ 257324	B,E,S,H, Ps,Phil,	B,E,S, H,Ps	Ph,Ch, M,Ec, Bot,G, Zoo, Comp Sc., Phy	Ph,M, Ch,G, Zoo, Bot, Ec, Comp Sc.				1(B)

Sl. No.	Name of the College	Arts		Science		Commerce		Other courses	Hostel
		General	Honours	Gen.	Hons.	Gen	Hons.		
3.	Ananda Ch. College of Commerce(1962) D.B.C.Road, Jalpaiguri Pin-735 101 Ph.953561-30734	B,E,M, Ec				All Com Sub	A/c		
4.	Birpara College (1986) P.O. Birpara Pin-735 204 Ph. 953563-266217	B,E,Soc		Ph,Ch, M,G,Ec	G	All Com Sub	A/c		
5.	Falakata College (1981) P.O. Falakata Pin-735 211 Ph.953563-260307	B,E,H, Ps,Phil, Edn, Ec	B,E,H, Ps,Phil						
6.	Nani Bhattacharyya Smarak Mahavidyalaya Jaigaon, Pin-735 204 Ph.953566-2632272	B,E,Hin, H,Phil,Ps							
7.	Parimal Mitra Smriti Mahavidyalaya(1985) P.O. Mal Pin-735 211 Ph. 953562-255212 255171	B,E,H, Ps,Phil, N,Ec	B,H			All Com Sub	A/c		
8.	Prasannadev Women's College (1950) Club Road P.O. Jalpaiguri Pin-735 101 Ph.953561-22146	B,E,S, Phil, Ps,H	B,E,S,H, Ps,Phil	Ph,M, Ch,G, Ec,Zoo, Bot,	Ph,G Ch, Ec				2(G)

Sl. No.	Name of the College	Arts		Science		Commerce		Other courses	Hostel
		General	Honours	Gen.	Hons.	Gen	Hons.		
9.	Sukanta Mahavi-dyalaya, (1981) Sukanta Nagar P.O.Dhupguri Pin-735 210 Ph.953563-250067	B,E,H,Ps, Phil,Edn	B,E,H,Ps Phil	M,Ph, Ec, Comp Sc	Ec			BCA BBA	
10.	Saheed Kshudiram College(1996) P.O. Kamakshyaguri Pin-736 202 Ph.953564-260419	B,E,H,G, Ps	B, Ps						
11.	Vivekananda College (1985) P.O. Alipurduar Pin-736 121 Ph.953564-255362	B,E,H,Ps Phil,Edn	B,E,H,Ps						
12.	Moynaguri College (1999) P.O. Moynaguri Pin-735 224 Ph.953561-234298	B,E,H, Ps,G,Ec	B						

COOCHBEHAR (NBU)

Sl. No.	Name of the College	Arts		Science		Commerce		Other courses	Hostel
		General	Honours	Gen.	Hons.	Gen	Hons.		
1.	A.B.N.Seal College (1888) P.O. Coochbehar Pin-736 101 Ph. 953582-222324/ 222314	B,E,S, Hin,H,Ps, Phil	B.E,S,H, Ps,Phil	Ph,Ch, M,Ec, Bot, Zoo	Ph,Ec, Ch,M, Zoo, Bot				1(B)
2.	Cooch Behar College (1970) Kalighat Road P.O. Cooch Behar Pin-736 101 Ph.953582-256798	B,E,H, Phil,Ps, Ec,G	B,H,Phil Ec,G			All Com Sub	A/c	BCA BBA	
3.	Dinhata College (1956) P.O. Dinhata Pin-736 135 Ph.953581-255094	B,E,H, Ps,Phil	B,E,H, Ps,Phil	Ph,M, Ch,Zoo, Bot,Ec	Ph,M, Ch, Ec	All Com Sub	A/c		1(B)
4.	Mathabhanga College (1969) P.O. Mathabhanga Pin-736 146 Ph.953583-255282	B,E,S,H, Ps,Phil,	B,E,H,Ps, S,Phil	Ec,Ph, Ch,M	Ec,Ph	All Com Sub	A/c		1(B)
5.	Mckliganj College (1996) P.O.Mckliganj Pin-735 304 Ph.953584-255129	B,E,H, Ps,Edn	H						

Sl. No.	Name of the College	Arts		Science		Commerce		Other courses	Hostel
		General	Honours	Gen.	Hons.	Gen	Hons.		
6.	Netaji Subhas Mahavidyalaya (1985) P.O. Haldibari Pin-735 122 Ph.953584-263266	B,E,H, Ps,Phil Ec	B,E,H			All Com Sub			
7.	Sitalkuchi College (1999) P.O. Sitalkuchi Pin-736 158 Ph.953583-263351	B,E,H, Phil,Ps, G	B						
8.	Thakur Panchanan Mahila Mahavidyalaya (1981) Magazine Road P.O. Cooch Behar Pin-736 101 Ph.953582-222695	B,E,Ps, H,Phil, Ec	B,E,H						
9.	Tufanganj Mahavidyalaya (1971) P.O.Tufanganj New Town Pin-736 160 Ph. 953582-244263	B,E,S,H, Ps,Phil, Soc	B,Ps,H, Soc	Ch,Bot, Zoo,Ec		All Com Sub			
10.	University B.T.& Evening College (1968) P.O. Cooch Behar Pin-736 101 Ph.953582-222714	B,E,H, Ps, Phil, Ec	B,E,H, Ps			All Com Sub	A/c	B.Ed	

MALDA (NBU)

Sl. No.	Name of the College	Arts		Science		Commerce		Other courses	Hostel
		General	Honours	Gen.	Hons.	Gen	Hons.		
1.	Chanchal College (1969) P.O. Chanchal Pin-732123 Ph.953513-253261	B,E,S,Ar, H,Phil, Ps	B,E,Ps, Phil,H	Ph,M, Ch,Ec	Ec	All Com Sub	A/c		1(B)
2.	Gour Mahavidyalaya (1985) P.O. Mangalbari Pin-732 142 Ph.953512-260547	B,E, Edn,Soc, Ps,H	B,E,H, Edn,Soc	Ph,M, G, Comp Sc				Comm. Eng	1(B)
3.	Kaliachak College (1955) P.O. Sultanganj Pin-732 201 Ph.953512-44696	B,E,H, Ps,Edn	B,Ps,	Ch, Bot, Zoo,G, Ec					
4.	Malda College (1944) P.O. Malda Pin-732 101 Ph.953512-220807/ 220808	B,E,S,Ar Hin,H, Ps,Phil	B,E,S,H, Ps,Phil	Ph,Ch, M,Zoo, Bot,G, Ec	Ph,M, Ch,G, Zoo, Bot Ec,	All Com Sub	A/c		2(B)
5.	Malda Women's College(1970) P.O. Malda Pin-732 101 Ph.953512-252597	B,E,S,H, Ps,Phil, Soc,Edn, G,Ec	B,E,H, Ps,Phil, Soc,G						1(G)
6.	Samsi College (1968) P.O. Samsi Pin-732 139 Ph. 953513-265252	B,E,Ar, S,H,Ps, Phil,Ec	B,E,H,, Ps,Phil			All Com Sub			1(B)

Sl. No.	Name of the College	Arts		Science		Commerce		Other courses	Hostel
		General	Honours	Gen.	Hons.	Gen	Hons.		
7.	Pakuahat Degree College (1997) P.O. Pakuahat Pin-732138 Ph. 9503511-266410	B,E,H,Ps Soc,G	H,Soc						1(B)
8.	South Malda College (1995) Kaliachak Pin-732 201 Ph.953512-24292	B,E,Ar, Hin,Soc, Ps,Ec	B,Soc			All Com Sub			

DAKSHIN DINAJPUR (NBU)

1.	Balurghat College (1948) P.O. Balurghat Pin-733 101 Ph.953522-255391/ 255392	B,E,S, Ps,Phil, H	B,E,S,H, Ps	Ph,M, Ch,Zoo, Bot,Ec, G	Ph,M, Ch,G, Zoo, Bot, Ec	All Com Sub	A/c	PG B,E	1(B)
2.	Balurghat Mahila Mahavidyalaya (1970) P.O. Balurghat Pin-733 101 Ph.953522-255393	B,E,S,H, Ps,Phil	E,H,Ps, Phil	Ph,Ch, M,Ec					1(G)
3.	Gangarampur College (1981) P.O. Gangarampur Pin-733 124 Ph.953521-255075	B,E,H, Ps,Phil	B,E,H Ps,Phil	Ph,Ch, M,Ec, G	Ec,M	All Com Sub			
4.	Dewan Abdul Gani College(1994) P.O. Harirampur Pin-733 125 Ph.953524-265243	B,E,H, Ps,Phil, G	B,H, Phil						

UTTAR DINAJPUR (NBU)

Sl. No.	Name of the College	Arts		Science		Commerce		Other courses	Hostel
		General	Honours	Gen.	Hons.	Gen	Hons.		
1.	Shree Agrasen Mahavidyalaya(1995) P.O. Dalkhola Pin-733 201 Ph.953525-255141	B,E,Ur, Hin,Ps, Soc,H	B			All Com Sub			
2.	Islampur College (1973) P.O. Islampur Pin-733 202 Ph.953526-255088	B,E,H, Ps,Phil	B,E,H, Ps	Ph,Ch, Ec		All Com Sub	A/c		1(B)
3.	Kaliyaganj College (1968) P.O. Kaliyaganj Pin-733 129 Ph.953523-258030/ 258100/259659	B,E,S, Hin,H, Ps,Phil	B,E,H, Phil,Ps	Ph,Ch, M,Ec		All Com Sub	A/c		1(B)
4.	Dr. Meghnad Saha College (2000) P.O. Itahar, Ranipur Pin-733 128 Ph.953523-277707	B,E,H, Ps,Soc	B,Soc	M,G					
5.	Raiganj Surendranath Mahavidyalaya (1986) P.O. Raiganj Pin-733 134 Ph.953523-251231/ 253055	B,E,H, Ps, Edn, Soc	B,E, Edn, Soc	Ph, Ch,Zoo Bot,Ec					
6.	Raiganj University College (1948) Raiganj Pin-733 134 Ph.953523-256282/ 252714	B,E,S, H,Ps, Phil	B,E,S,H, Ps,Phil	Ph,Ch, M,Bot, Zoo,Ec, G	Ph,Ch, M,Ec, Bot, Zoo, G	All Com Sub	A/c	Ser. BCA, BBA, Mi.Bio PG,B	1(B) 1(G)

APPENDIX – I (C)

GROWTH OF POPULATION (INDIA)
SELECTED EDUCATION STATISTICS (MHRD)

TABLE I

(OOO'S)

YEAR	TOTAL	MALE	FEMALE	DECADAL GROWTH RATE	LITERACY RATES		
					TOTAL	MALE	FEMALE
1951	361,088	185,528	175,560	+13.31...	18.33	27.16	8.86
1961	439,235	226,293	212,942	+21.64...	28.31	40.40	15.34
1971	548,160	284,049	264,111	+24.80...	34.45	45.95	21.97
1981	683,329	353,374	329,955	+24.66...	43.67	56.50	29.85
1991	846,303	439,231	407,072	+23.50...	52.21	64.13	39.29 (excluding J & K.)
2001	1027015	531277	495738	+21.34	65.38	75.85	54.16
West Bengal	80221	41487	38733	+17.84	69.22	77.58	60.22

APPENDIX – II

Decadal Growth of Colleges Since 1811 (Excluding Technology Colleges)

Decadal Year	Number of Colleges	Decadal Year	Number of Colleges
1811 – 1821	2	1901 – 1911	1
1821 – 1831	2	1911 – 1921	2
1831 – 1841	1	1921 – 1931	4
1841 – 1851	2	1931 – 1941	7
1851 – 1861	5	1941 – 1951	54
1861 – 1871	0	1951 – 1961	34
1871 – 1881	2	1961 – 1971	97
1881 – 1891	5	1971 – 1981	26
1891 – 1901	3	1981 – 1991	58
		1991 – 2001	43

APPENDIX – III

U.G.C. LIST OF FAKE UNIVERSITIES

1. Maithili University / Vishwavidyalay, Darbhanga, Bihar.
2. Mahila Gram Vidyapith / Vishwavidyalaya, (Women' s University) Prayag, Allahabad (U.P).
3. Varnaseya Sanskrit Vishwavidyalaya, Varanasi (U.P). / Jagat Puri, Delhi.
4. Commercial University Ltd., Darya Ganj, Delhi.
5. Indian Education Council of U. P., Luckwow (U.P).
6. Gandhi Hindi Vidyapith, Prayag, Allahabad (U.P.).
7. National University of Electro Complex Homeopathy, Kanpur.
8. Netaji Subhash Chandra Bose University (Open University) Achaltal, Aligarh (U.P.).
9. D.D.B. Sanskrit University, Putur, Trichi, Tamil Nadu.
10. Bharatiya Siksha Parishad (U.P.) Open Vishwavidyalaya, Lucknow (U.P.).
11. St. John's University, Kishanattam, Kerala.
12. United Nations University, Delhi.
13. Vocational University, Delhi.
14. Uttar Pradesh Vishwavidyalaya, Kosi Kalan, Mathura (U.P.).
15. Maharana Pratap Shiksha Niketan Vishwavidyalay, Pratapgarh (U.P)
16. Raja Arabic University, Nagpur.
17. Kesarwani Vidyapith, Gorakhpur, Jabalpur, (M.P.).
18. Delhi Vishwa Vidyapeeth, 233, Tagore Park, Model Town, Delhi-110009.
19. Badaganvi Sarkar World, Open University Education Society, Gokak, Belgaum (Karnataka).

APPENDIX – IV

U.G.C. LIST OF VOCATIONAL SUBJECTS

With effect from the academic session of 1994-95, the University Grants Commission has been providing financial assistance to colleges and University departments for introduction of vocational subjects as part of the under-graduate courses in Arts, Science and Commerce. A list of vocational subjects for the introduction of which U.G.C. will provide assistance is given below.

DISCIPLINE AREA	VOCATIONAL SUBJECTS
(i) Arts, Humanities and Social Sciences	1. Functional Hindi 2. Functional Sanskrit 3. Functional English 4. Archaeology & Museology 5. Science and Art of Teaching 6. Early Childhood care and Education
(ii) Commerce,Economics and Management	1. Principles and Practices of Insurance 2. Office Management and Secretarial Practices 3. Tax Procedures and Practices 4. Foreign Trade Procedures and Practices 5. Tourism and Travel Management 6. Advertisement, Sales Promotion and Sales Management 7. Computer Applications
(iii) Science	1. Industrial Chemistry 2. Food Science and Quality Control 3. Clinical Nutrition and Dietetics 4. Industrial Microbiology 5. Bio-Technology 6. Biological Techniques and Specimen Preparation 7. Seed Technology 8. Sericulture 9. Industrial Fish and Fishery 10. Instrumentation 11. Geo-Exploration & Drilling Technology 12. Mass Communication & Video Production 13. Still Photography & Audio Production

APPENDIX

DISCIPLINE AREA	VOCATIONAL SUBJECTS
(iv) Engineering & Technology	1. Electronic Equipment Maintenance 2. Computer Maintenance 3. Electrical Equipment Maintenance 4. Environment & Water Management.
(v) Subjects relevant to Rural, Hilly, Tribal areas	1. Agro-Service 2. Domestic Animal Farming 3. Forestry and Wildlife Management 4. Soil Conservation & Water Management 5. Rural Handicrafts 6. Hill Agriculture 7. Non-Conventional Energy Sources 8. Dryland Agriculture 9. Silivipasture

Library

(14)

Institute of Education for Women, (1954), Hastings House, Alipore, Kolkata - 700027